EARTH RESOURCES TECHNOLOGY SATELLITE

U.S. STANDARD CATALOG
NO. U-19

31 MARCH 1974
GODDARD SPACE FLIGHT CENTER
GREENBELT, MARYLAND
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

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FOREWORD

This catalog is one in a series of catalogs published by the National Aeronautics and Space Administration, Goddard Space Flight Center, to announce information available from the Earth Resources Technology Satellite (ERTS) Program. The Introduction and Descriptive Sections explain the purpose and content of this catalog. A cumulative catalog is maintained by the Users Services Laboratory of the NDPF which can also furnish names of the selected Principal Investigators who are analyzing the data acquired by the ERTS program.

Stanley Weiland
ERTS/NIMBUS Project Manager

INTRODUCTION

To provide dissemination of information regarding the availability of Earth Resources Technology Satellite (ERTS) imagery, the NASA Data Processing Facility (NDPF) publishes a U.S. and a Non-U.S. Standard Catalog on a monthly schedule. These catalogs identify imagery which has been processed and input to the data files during the preceding month. The U.S. Standard Catalog includes imagery covering the continental United States, Alaska and Hawaii. The Non-U.S. Catalog identifies all the remaining coverage. Imagery adjacent to the continental U.S. and Alaska borders will normally appear in the U.S. Standard Catalog. As a supplement to these catalogs, an inventory of ERTS imagery on 16 mm microfilm is also available.

In addition to the routine monthly catalogs, the NDPF periodically publishes a comprehensive U.S. and Non-U.S. Standard Catalog. These catalogs includes information on all observations acquired and processed by the facility since launch and are normally published in lieu of one of the monthly catalogs. The 16 mm microfilm accompanying these cumulative catalogs includes only new imagery not previously available on microfilm.

Catalogs and microfilm are available to ERTS investigators and approved individuals or agencies on a routine or special request basis. In addition, copies of the Standard Catalogs may be purchased by contacting the Superintendent of Documents, U.S. Government Printing Office, Washington, D. C. 20402, while microfilm copies may be ordered through the EROS Data Center, Sioux Falls, South Dakota, 57198.

Sections I and II of this introduction describe the contents and format for the Standard Catalogs and the associated microfilm. Section III provides a cross-reference table defining the beginning and ending dates for ERTS-1 Cycles.

Additional information concerning catalogs or microfilm may be obtained by writing or telephoning:

NDPF User Services
NASA/Goddard Space Flight Center
Code 563
Greenbelt, Maryland 20771
301-982-5406

SECTION I — STANDARD CATALOGS

A. MONTHLY CATALOGS

The monthly U.S. and Non-U.S. Standard Catalogs are divided into four parts. Part 1 consists of annotated maps which graphically depict the geographic areas covered by imagery listed in the current catalog. Part 2 contains a computer generated listing organized by observation identification number (ID) and includes pertinent information about each image. Part 3 provides a computer listing of observations organized by longitude/latitude. Part 4 identifies observations which have had changes made to their catalog information since their original entry in the data base.

PART 1 — Satellite Coverage Maps

A series of satellite coverage reference maps is provided at the beginning of each monthly issue of the U.S. and Non-U.S. Standard Catalogs. These maps are segregated by cycle and depict the general location of observations listed in that catalog. The format and data content of these maps is slightly different in the U.S. and Non-U.S. catalogs.

U.S. Satellite Coverage Maps

Two separate map formats are presented in this catalog. One map outlines the continental U.S. and depicts the estimated cloud cover along each north to south subsatellite path. Each path is identified by actual orbit number and a cross reference, matching orbit number to initial observation ID for that path, is included. The second map provides an enlarged view of Alaska and Hawaii and displays the portion of an orbital pass for which coverage is available. This map does not include cloud cover estimates or orbit numbers.

Non-U.S. Satellite Coverage Map

A world outline map is provided with the portions of an orbital swath for which observations are available graphically displayed. This map is intended solely to inform the user as to whether or not coverage is included in the catalog for his area of interest. It is not intended as a rapid reference to specific observations.

PART 2. – OBSERVATION IDENTIFICATION NUMBER (ID) LISTING

The data format for the Observation ID Listing is identical in the U.S. and Non-U.S. Catalogs. Observation ID numbers are listed in a sequential manner from smallest number to largest. Associated with each ID number in the list is pertinent information about that observation. A sample catalog page with a description of each data item is shown in Figure I-1 below.

FIGURE I-1

2.A. Sample Observation ID Format

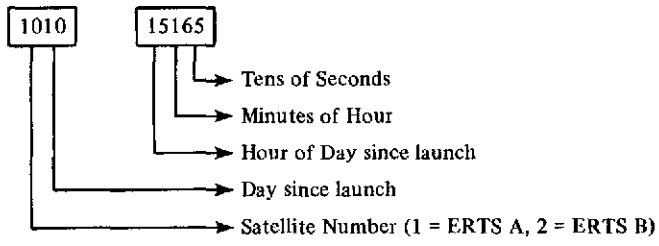
(1) 09/30/72 STANDARD CATALOG FOR USA (2) FROM 07/24/72 TO 09/23/72

(4) OBSERVATION ID	(5) MICROFILM ROLL NO./ POSITION IN ROLL RBV	MSS	(6) DATE ACQUIRED	(7) CLOUD COVER %	(8) ORBIT NUMBER	(9) PRINCIPAL POINT OF IMAGE LAT	LONG	(10) SUN ELEV.	SUN AZIM.	(11) IMAGE QUALITY RBV 123	MSS 45678
1057-16373	00000/0000	10002/0589	09/18/72	70	794	2550N	9922W	53.5	126.9		GGGG
1057-18140	00000/0000	10002/0590	09/18/72	90	795	4842N	11730W	39.2	150.6		G
1057-18143	00000/0000	10002/0591	09/18/72	50	795	4716N	11806W	40.2	149.4		GGGG
1057-18145	00000/0000	10002/0592	09/18/72	30	795	4553N	11842W	41.3	148.2		GGGG
1057-18152	00000/0000	10002/0593	09/18/72	20	795	4426N	11915W	42.3	146.9		GGGG
1057-18154	00000/0000	10002/0594	09/18/72	10	795	4301N	11950W	43.3	145.7		GGGG

3 KEYS: CLOUD COVER %..... 0 TO 100 = % OF CLOUD COVER ** = NO DATA AVAILABLE.
IMAGE QUALITY ..... BLANK = BAND NOT PRESENT R = RECYCLED G = GOOD F = FAIR BUT USABLE P = POOR IMAGE
C = CALIBRATION

2.B. Description of Data Items:

(1) Date of Catalog Listing.
(2) Time Frame during which imagery was processed.
(3) Special Keys to Data.
(4) Observation ID.



(5) RBV and MSS microfilm roll and image position on roll. Note: RBV and MSS images for a given observation may be on two different microfilm rolls.
(6) Date of observation.
(7) Estimated Percent of Cloud Cover.
(8) Orbit Number
(9) Latitude and Longitude at observation center (Degrees and Minutes).
(10) Sun elevation and azimuth at observation center.
(11) Image Quality, see key.

PART 3. – LONGITUDE/LATITUDE LISTING

The data format for the longitude/latitude listing is identical in the U.S. and Non-U.S. catalogs. This listing contains the same observations as the observation ID listing but organizes them by coordinates, using image center location information for each observation. Observations in this listing will be sorted first by longitude and, within longitude, by latitude. The longitude/latitude listing is arranged in the following manner:

180 - 0 degrees East ; 90 – 0 degrees North and 0 - 90 degrees South

followed by

0 - 180 degrees West ; 90 – 0 degrees North and 0 - 90 degrees South

This listing is intended to be used as a tool for locating specific coverage, and once a specific observation has been identified, pertinent information about it can be found by referring to the ID listing.

Figure I-2 below shows a sample catalog page with a description of each data item.

FIGURE I-2

3.A. Sample Longitude/Latitude Format

1 09/30/72 COORDINATE LISTING STANDARD CATALOG FOR USA (2) FROM 07/24/72 TO 09/30/72

(3) PRINCIPAL PT. OF IMAGE LONG	LAT	(4) OBSERVATION ID	(5) CC %	(6) QUALITY RBV MSS 12345678	(3) PRINCIPAL PT. OF IMAGE LONG	LAT	(4) OBSERVATION ID	(5) CC %	(6) QUALITY RBV MSS 12345678	(3) PRINCIPAL PT. OF IMAGE LONG	LAT	(4) OBSERVATION ID	(5) CC %	(6) QUALITY RBV MSS 12345678
12000W	4606N	1022-18203	10	GGFG	12018W	4136N	1057-18161	100	PFFF	12024W	3730N	1038-18114	10	GFGG
12006W	4918N	1005-18251	20	GGGGGGG	12018W	3306N	1055-18071	10	FFFF	12030W	4454N	1022-18205	70	PGGG
12006W	3754N	1020-18112	80	FGGG	12024W	4848N	1041-18253	60	GGGG	12036W	3630N	1020-18115	0	GGGG
12012W	4548N	1004-18203	0	FF GG F	12024W	4142N	1039-18163	90	G GG	12042W	4754N	1005-18253	0	GGGFGGG
12018W	4224N	1003-18164	10	PGGG	12024W	3842N	1002-18131	20	FFFGGGG	12048W	4424N	1004-18210	100	PPPFFFF
12018W	4142N	1021-18160	50	GGGG	12024W	3734N	1056-18114	40	GGGG	12048W	4054N	1003-18170	30	GFFF

(7) KEYS: CLOUD COVER % — 0 TO 100 = % OF CLOUD COVER ** = NO DATA AVAILABLE
IMAGE QUALITY — BLANK=BAND NOT PRESENT R=RECYCLED G=GOOD F=FAIR P=POOR C=CALIBRATION IMAGE

3.B. Description of Data Items:

(1) Date of Catalog Listing

(2) Time Frame during which imagery was processed

(3) Longitude and Latitude at Observation center (Degrees and Minutes)

(4) Observation ID (See Figure I-1, paragraph 2.B)

(5) Estimated Percent of Cloud Cover

(6) Image Quality, see key

(7) Special Keys to Data

B. .COMPREHENSIVE STANDARD CATALOGS

Periodically a comprehensive catalog is produced in place of the normal monthly catalog. This cumulative catalog includes information covering all observations acquired and processed by the NDPF since launch and is formatted the same as the monthly catalog with the following exceptions:

1. Satellite Coverage maps are not included.
2. The Observation ID listing format is expanded to identify observations for which color, precision or digital products have been made.

   Figure I-5 gives an example of this expanded format.

FIGURE I-5

Sample Observation ID Format (Comprehensive Catalog)

(1) 09/30/72 STANDARD CATALOG FOR USA (2) FROM 07/24/72 TO 09/23/72

(4) OBSERVATION ID	(5) MICROFILM ROLL NO./ POSITION IN ROLL RBV	MSS	(6) DATE ACQUIRED	(7) CLOUD COVER %	(8) ORBIT NUMBER	(9) PRINCIPAL POINT OF IMAGE LAT	LONG	(10) SUN ELEV.	SUN AZIM.	(11) IMAGE QUALITY RBV 123	MSS 45678	(12) PRODUCTS ALREADY MADE BULK COLR	PREC	PREC COLR	DIGTL
1057-16373	00000/0000	10002/0589	09/18/72	70	794	2550N	9922W	53.5	126.9		GGGG				
1057-18140	00000/0000	10002/0590	09/18/72	90	795	4842N	11730W	39.2	150.6		G				
1057-18143	00000/0000	10002/0591	09/18/72	50	795	4716N	11806W	40.2	149.4		GGGG	M			
1057-18145	00000/0000	10002/0592	09/18/72	30	795	4553N	11842W	41.3	148.2		GGGG				
1057-18152	00000/0000	10002/0593	09/18/72	20	795	4426N	11915W	42.3	146.9		GGGG				
1057-18154	00000/0000	10002/0594	09/18/72	10	795	4301N	11950W	43.3	145.7		GGGG		M	M	
1057-18161	00000/0000	10002/0595	09/18/72	10	795	4135N	12021W	44.3	144.4		GGGG				

(3) KEYS: CLOUD COVER % ..... 0 TO 100 = % OF CLOUD COVER ** = NO DATA AVAILABLE.
IMAGE QUALITY ..... BLANK = BAND NOT PRESENT R = RECYCLED G = GOOD F = FAIR BUT USABLE
P = POOR IMAGE C = CALIBRATION
PRODUCT TYPES ALREADY MADE ..... R = MADE FROM RBV BANDS ONLY M = MADE FROM MSS BANDS ONLY
B = MADE FROM BOTH RBV AND MSS

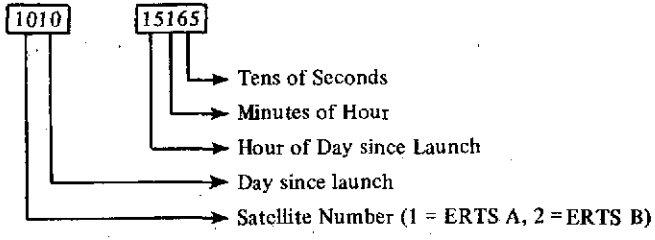
Description of Data Items:

(1) Date of Catalog Listing.

(2) Time Frame during which imagery was processed.

(3) Special Keys to Data.

(4) Observation ID.



(5) RBV and MSS microfilm roll and image position on roll. Note: RBV and MSS images for a given observation may be on two different microfilm rolls.

(6) Date of observation.

(7) Estimated Percent of Cloud Cover.

(8) Orbit Number.

(9) Latitude and Longitude at observation center (Degrees and Minutes).

(10) Sun elevation and azimuth at observation center.

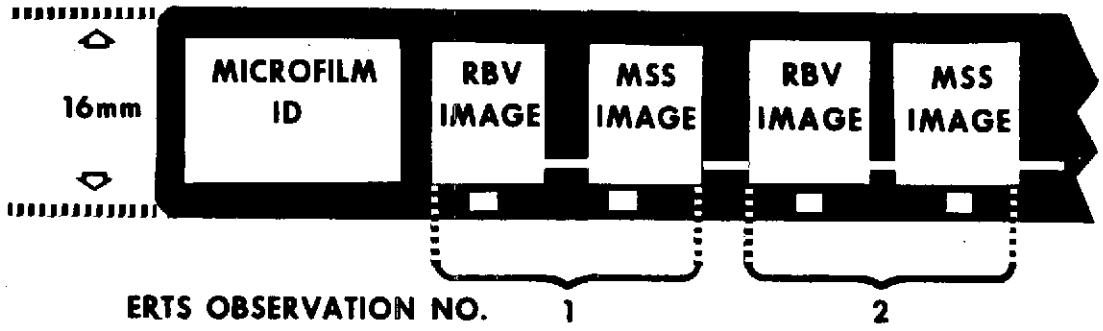
(11) Image Quality, see key.

(12) Image/Data Product availability, see key.

Section II — Microfilm

The NASA Data Processing Facility produces a high quality 16-mm microfilm inventory of imagery processed during the preceding month and is organized for convenient use with the Standard Catalog.

As in the case of the Standard Catalog, the microfilm data is divided into U. S. and non-U.S. segments. Each set of microfilm images is in exact correspondence to a Standard Catalog and can be used in conjunction with the Catalog for selecting desired images. Approximately 2000 images will be contained on one roll of 16mm X 100ft microfilm. Because the microfilm images are intended to provide only a summary of the data available, the images are limited to one band each for the RBV and MSS. Although a single observation will produce seven images, in the production of microfilm only the RBV Spectral Band 2 images (.580 - .680 microns) and MSS Spectral Band 2 images (.6 - .7 microns) are reproduced. Each image is a photograph of a 9.5 in. system-corrected (bulk) image and contains the image identifier and annotation block. Below is an example of the microfilm format.



Microfilm roll numbers contain five digits. The first digit will always be a 1 (for U. S. rolls) or a 2 (for Non-U. S. rolls). The remaining digits are used to number sequentially all microfilm rolls prepared within each group. Example: Roll number 10001 is the first U. S. roll of microfilm produced. Roll number 20004 is the fourth Non-U. S. roll to be produced.

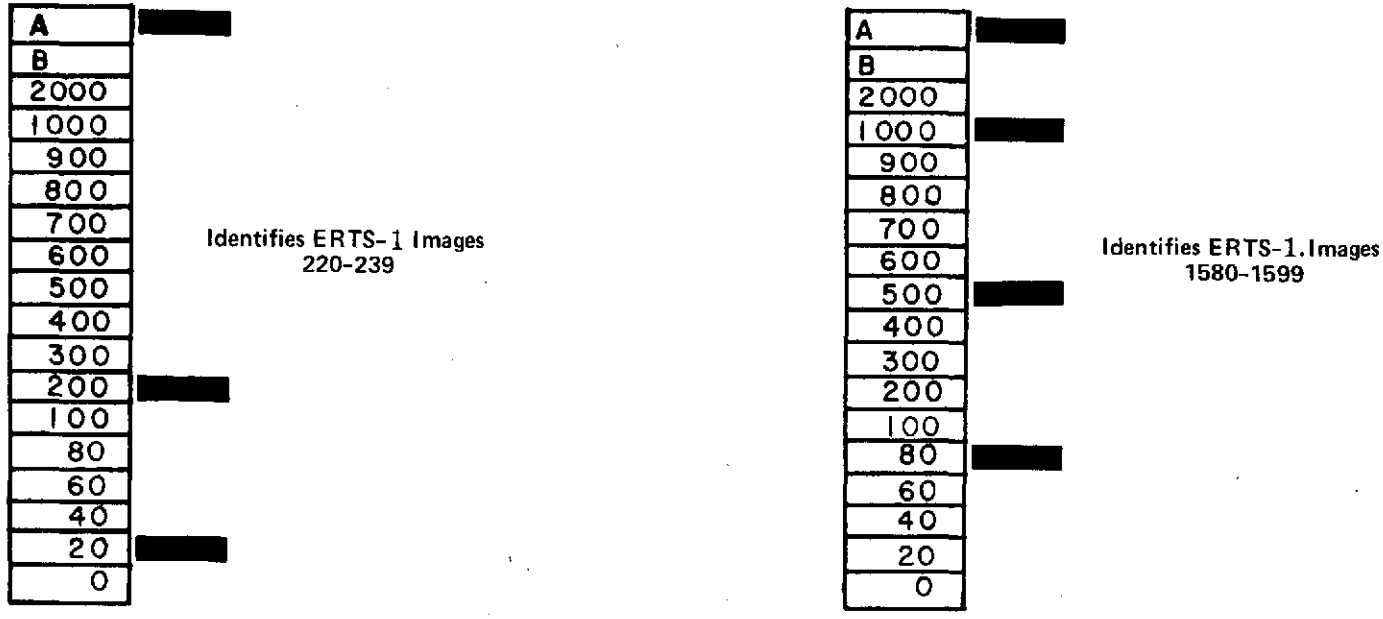
The microfilm contains two rapid search capabilities to help the user quickly reach the desired scene. They are:

(1) Code Line Indexing
(2) Blip Encoding

1. Code Line Indexing

The ERTS Microfilm images have been annotated with visual code lines to the right of each frame. The visual code lines graduate up the edge of the screen as the film advances and allow the user to advance rapidly to within 20 frames of his desired image. Below is an example of the ERTS microfilm code line index graduations.

Code Line Indexing Scale



To utilize this system a user must generate a code line indexing bar scale to attach to the face of his viewers. The size and spacing for the bar scale is dependent upon the magnification of his viewer. ERTS imagery is microfilmed at a reduction ratio of 24x. To determine the overall length of a scale required for your microfilm reader, multiply .406 by the enlargement factor of your lens. To determine the spacing separations along the bar scale, multiply .002 by the same factor.

2. Blip Encoding

The ERTS microfilm images have also been annotated with a blip (clear spot) at the base of each frame. This type of encoding is designed for use on readers with an electronic sensing and counting capability or an odometer. To use the blip encoding retrieval system the film will have to be placed in a cartridge. When the cartridge is placed in a reader which contains an odometer or has a keyboard attached, the identification of the desired image is obtained from the Standard Catalog (column 6, Microfilm Position) and either punched on the keyboard or read via the odometer as the film advances. Using a reader configured for rapid search and retrieval the film advances and the frames (blips) are counted by means of a photosensing light. When the appropriate number has been counted the reader stops and the desired image is projected on the screen. Using a reader with an odometer requires the user to monitor the odometer as the film advances and stop the advance of the film in the vicinity of the required frame.

SECTION III — ERTS-1 CYCLES

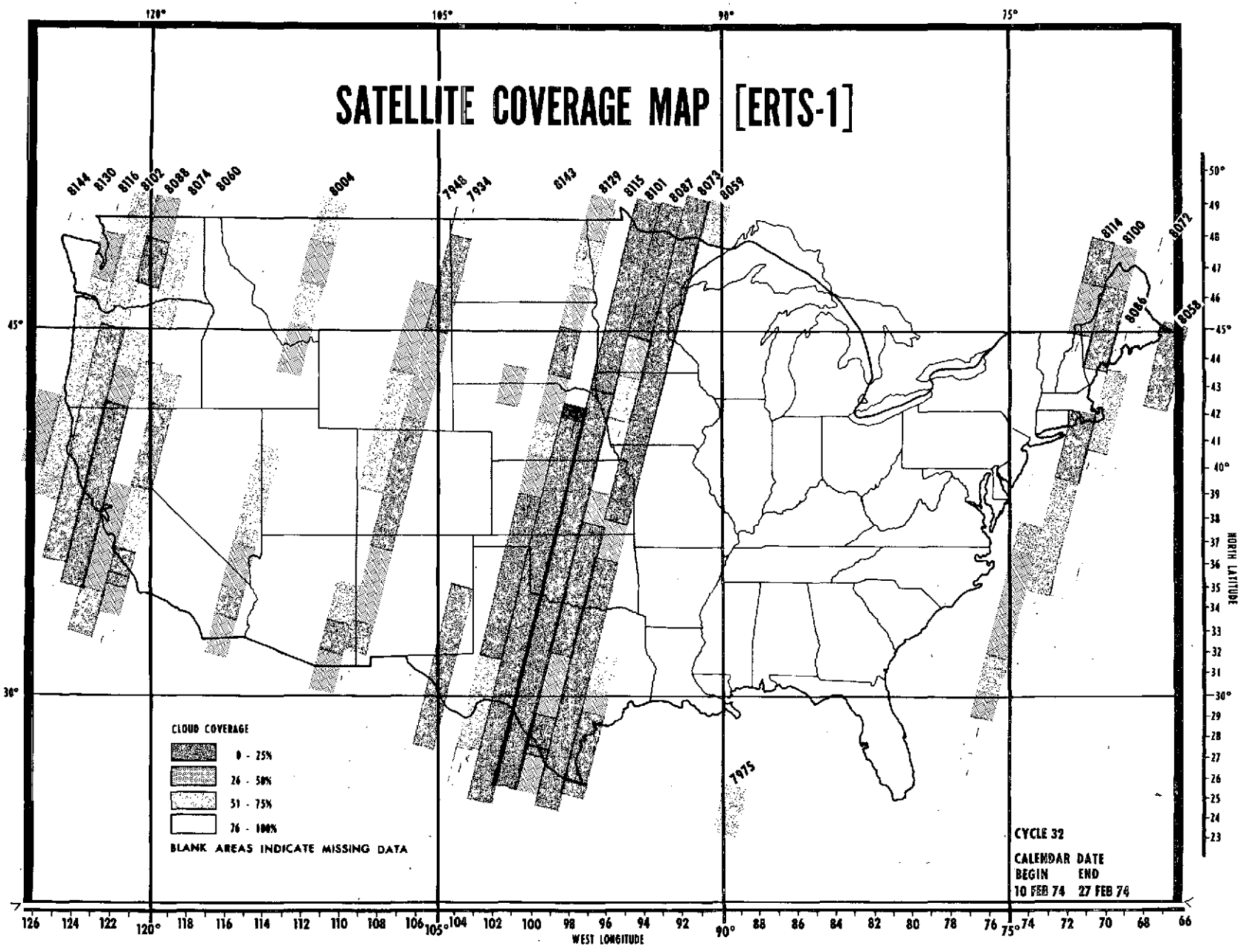
Cycle	Days Since Launch		Calendar Date		Cycle	Days Since Launch		Calendar Date	
	Begin	End	Begin	End		Begin	End	Begin	End
First 8 days	1	8	24 Jul 72	31 Jul 72	21	369	386	27 Jul 73	13 Aug 73
1	9	26	1 Aug 72	18 Aug 72	22	387	404	14 Aug 73	31 Aug 73
2	27	44	19 Aug 72	5 Sep 72	23	405	422	1 Sep 73	18 Sep 73
3	45	62	6 Sep 72	23 Sep 72	24	423	440	19 Sep 73	6 Oct 73
4	63	80	24 Sep 72	11 Oct 72	25	441	458	7 Oct 73	24 Oct 73
5	81	98	12 Oct 72	29 Oct 72	26	459	476	25 Oct 73	11 Nov 73
6	99	116	30 Oct 72	16 Nov 72	27	477	494	12 Nov 73	29 Nov 73
7	117	134	17 Nov 72	4 Dec 72	28	495	512	30 Nov 73	17 Dec 73
8	135	152	5 Dec 72	22 Dec 72	29	513	530	18 Dec 73	4 Jan 74
9	153	170	23 Dec 72	9 Jan 73	30	531	548	5 Jan 74	22 Jan 74
10	171	188	10 Jan 73	27 Jan 73	31	549	566	23 Jan 74	9 Feb 74
11	189	206	28 Jan 73	14 Feb 73	32	567	584	10 Feb 74	27 Feb 74
12	207	224	15 Feb 73	4 Mar 73	33	585	602	28 Feb 74	17 Mar 74
13	225	242	5 Mar 73	22 Mar 73	34	603	620	18 Mar 74	4 Apr 74
14	243	260	23 Mar 73	9 Apr 73	35	621	638	5 Apr 74	22 Apr 74
15	261	278	10 Apr 73	27 Apr 73	36	639	656	23 Apr 74	11 May 74
16	279	296	28 Apr 73	15 May 73	37	657	674	12 May 74	28 May 74
17	297	314	16 May 73	2 Jun 73	38	675	692	29 May 74	15 Jun 74
18	315	332	3 Jun 73	20 Jun 73	39	693	710	16 Jun 74	3 Jul 74
19	333	350	21 Jun 73	8 Jul 73	40	711	728	4 Jul 74	21 Jul 74
20	351	368	9 Jul 73	26 Jul 73					

SATELLITE COVERAGE MAPS

USA SATELLITE COVERAGE MAP REFERENCE DATA

CYCLE 32

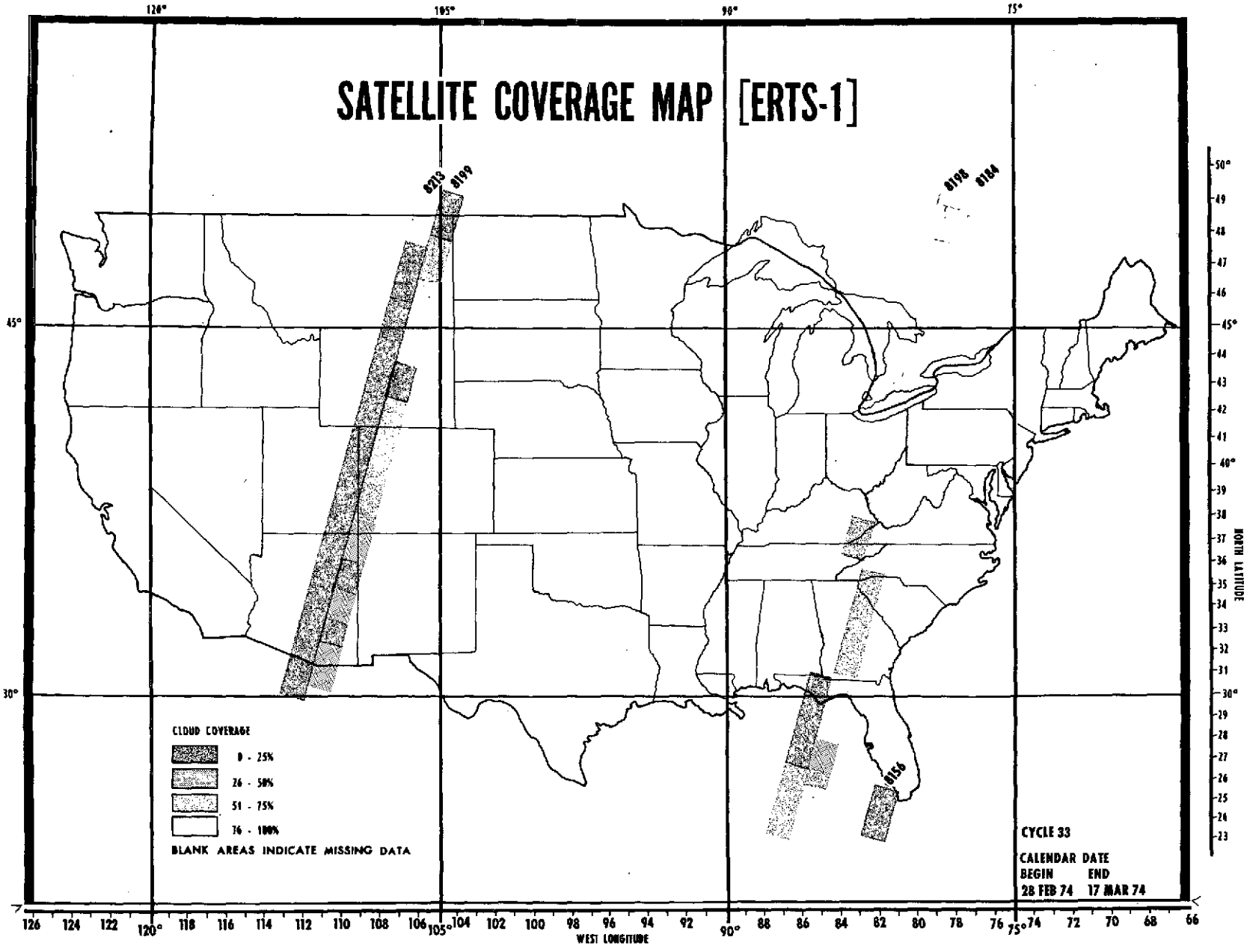
ORBIT NUMBER	FIRST OBSERVATION	*	ORBIT NUMBER	FIRST OBSERVATION	*
7934	1569-17124	*	8088	1580-18154	*
7948	1570-17182	*	8100	1581-14551	*
7975	1572-15534	*	8101	1581-16380	*
8004	1574-17412	*	8102	1581-18212	*
8058	1578-14380	*	8114	1582-15010	*
8059	1578-16205	*	8115	1582-16435	*
8060	1578-18041	*	8116	1582-18270	*
8072	1579-14435	*	8129	1583-16493	*
8073	1579-16264	*	8130	1583-18325	*
8074	1579-18095	*	8143	1584-16551	*
8086	1580-14502	*	8144	1584-18383	*
8087	1580-16322	*			


SATELLITE COVERAGE MAP [ERTS-1]
8144
8130
8116
8102
8088
8074
8060
8004
7948
7934
8143
8129
8115
8101
8087
8073
8059
8114
8100
8072
8086
8058
7975
CLOUD COVERAGE
0 - 25%
26 - 50%
51 - 75%
76 - 100%
BLANK AREAS INDICATE MISSING DATA
CYCLE 32
CALENDAR DATE
BEGIN END
10 FEB 74 27 FEB 74
120°
105°
90°
75°
45°
30°
126 124 122 120° 118 116 114 112 110 108 106 105° 104 102 100 98 96 94 92 90° 88 86 84 82 80 78 76 75° 74 72 70 68 66
WEST LONGITUDE
50° 49 48 47 46 45° 44 43 42 41 40° 39 38 37 36 35 34 33 32 31 30° 29 28 27 26 25 24 23
NORTH LATITUDE

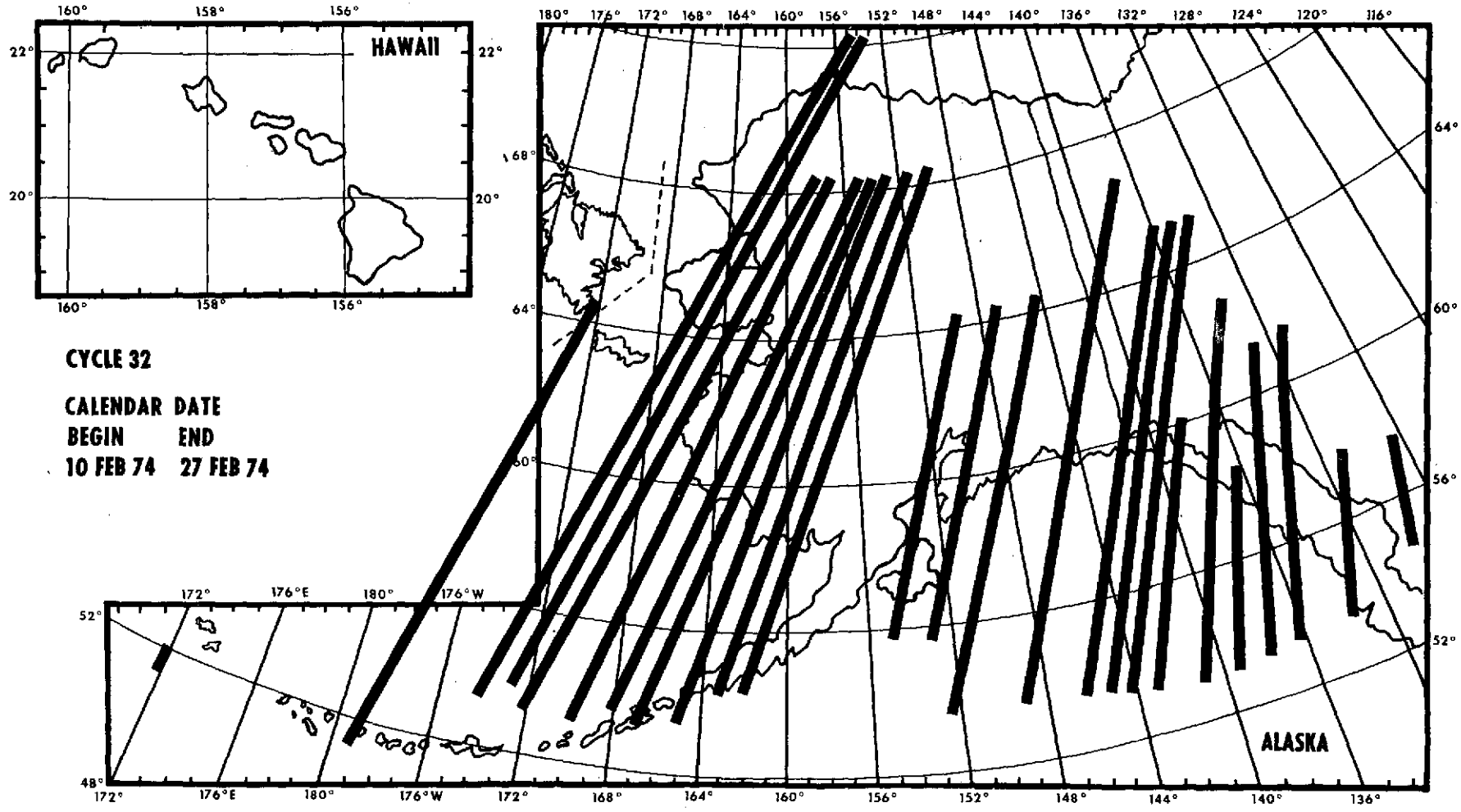
USA SATELLITE COVERAGE MAP REFERENCE DATA

CYCLE 33

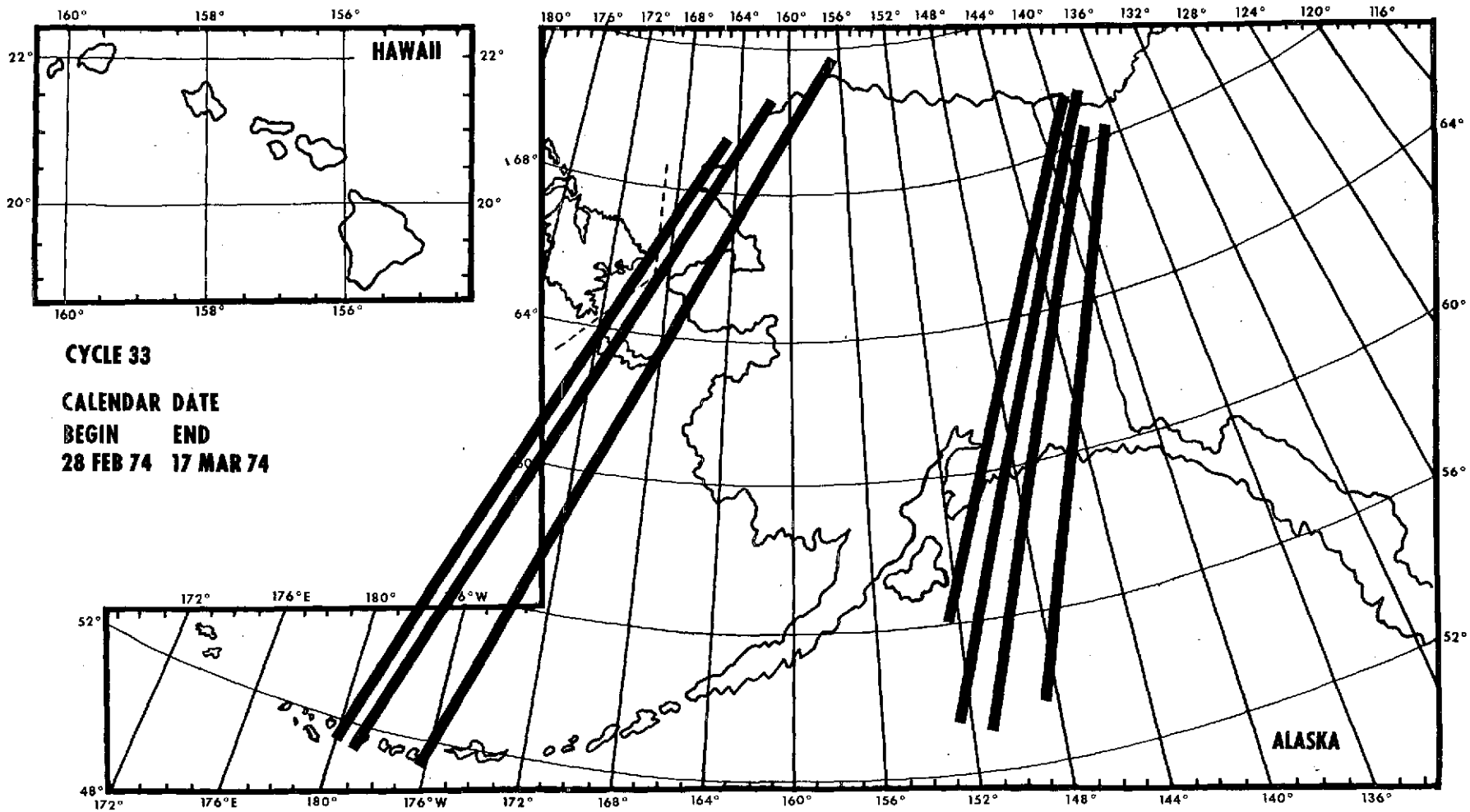
ORBIT NUMBER	FIRST OBSERVATION	*	ORBIT NUMBER	FIRST OBSERVATION	*
8156	1585-15245	*	8199	1588-17181	*
8184	1587-15291	*	8213	1589-17235	*
8198	1588-15345	*			


SATELLITE COVERAGE MAP [ERTS-1]
8213
8199
8198
8184
8156
CLOUD COVERAGE
0 - 25%
26 - 50%
51 - 75%
76 - 100%
BLANK AREAS INDICATE MISSING DATA
CYCLE 33
CALENDAR DATE
BEGIN END
28 FEB 74 17 MAR 74
NORTH LATITUDE
WEST LONGITUDE
120°
105°
90°
75°
45°
30°

ERTS-1 COVERAGE OF ALASKA & HAWAII



ERTS-1 COVERAGE OF ALASKA & HAWAII



OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	LONG	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678
1569-17124	00000/0000	10021/0001	02/12/74	80	7934	4856N	10306W	22.6	149.9		P PR
1569-17130	00000/0000	10021/0002	02/12/74	20	7934	4731N	10343W	23.6	149.1		PPPP
1569-17133	00000/0000	10021/0003	02/12/74	20	7934	4605N	10419W	24.7	148.3		PP
1569-17135	00000/0000	10021/0004	02/12/74	30	7934	4440N	10453W	25.7	147.5		PP
1569-17142	00000/0000	10021/0005	02/12/74	40	7934	4315N	10526W	26.7	146.7		PP
1569-17144	00000/0000	10021/0006	02/12/74	0	7934	4149N	10557W	27.7	145.9		PP R
1569-17151	00000/0000	10021/0007	02/12/74	0	7934	4024N	10627W	28.7	145.0		PP P
1569-17153	00000/0000	10021/0008	02/12/74	0	7934	3858N	10656W	29.7	144.2		PP P
1569-17160	00000/0000	10021/0009	02/12/74	0	7934	3732N	10724W	30.7	143.3		PP
1569-17162	00000/0000	10021/0010	02/12/74	50	7934	3607N	10752W	31.7	142.5		PPPP
1569-17165	00000/0000	10021/0011	02/12/74	40	7934	3440N	10820W	32.6	141.6		PPP
1569-17171	00000/0000	10021/0012	02/12/74	70	7934	3314N	10846W	33.6	140.7		PPPP
1569-17174	00000/0000	10021/0013	02/12/74	90	7934	3149N	10911W	34.5	139.7		PP P
1570-17182	00000/0000	10021/0288	02/13/74	100	7948	4853N	10435W	22.9	149.8		G GG
1570-17185	00000/0000	10021/0289	02/13/74	90	7948	4728N	10512W	24.0	149.0		GPGG
1570-17191	00000/0000	10021/0290	02/13/74	50	7948	4603N	10547W	25.0	148.2		GGGG
1570-17194	00000/0000	10021/0291	02/13/74	50	7948	4438N	10620W	26.0	147.3		GGGG
1570-17200	00000/0000	10021/0292	02/13/74	60	7948	4312N	10653W	27.1	146.5		GGGG
1570-17203	00000/0000	10021/0293	02/13/74	60	7948	4147N	10725W	28.1	145.7		PGGG
1570-17205	00000/0000	10021/0294	02/13/74	60	7948	4021N	10755W	29.1	144.8		PGGG
1570-17212	00000/0000	10021/0295	02/13/74	90	7948	3855N	10824W	30.1	144.0		PPGG
1570-17214	00000/0000	10021/0296	02/13/74	100	7948	3729N	10852W	31.0	143.1		PPGG
1570-17221	00000/0000	10021/0297	02/13/74	100	7948	3604N	10919W	32.0	142.2		PPGG
1570-17223	00000/0000	10021/0298	02/13/74	70	7948	3438N	10945W	33.0	141.3		GPPG
1570-17230	00000/0000	10021/0299	02/13/74	20	7948	3312N	11011W	33.9	140.4		GGGG
1570-17232	00000/0000	10021/0300	02/13/74	30	7948	3146N	11036W	34.8	139.5		GPGG
1572-15534	00000/0000	10021/0051	02/15/74	60	7975	2438N	08943W	39.7	133.8		GGGG
1574-17412	00000/0000	10021/0176	02/17/74	60	8004	4857N	11019W	24.2	149.3		GGGG
1574-17414	00000/0000	10021/0177	02/17/74	40	8004	4732N	11056W	25.2	148.5		GGGG
1574-17421	00000/0000	10021/0178	02/17/74	70	8004	4607N	11131W	26.3	147.6		GGGG
1574-17423	00000/0000	10021/0179	02/17/74	50	8004	4441N	11205W	27.3	146.8		GGGG
1574-17430	00000/0000	10021/0180	02/17/74	80	8004	4315N	11237W	28.3	145.9		GGGG
1574-17432	00000/0000	10021/0181	02/17/74	80	8004	4150N	11308W	29.3	145.0		GGGG
1574-17435	00000/0000	10021/0182	02/17/74	70	8004	4024N	11338W	30.3	144.2		GPGG
1574-17441	00000/0000	10021/0183	02/17/74	70	8004	3858N	11408W	31.3	143.3		PPGG
1574-17444	00000/0000	10021/0184	02/17/74	60	8004	3732N	11436W	32.2	142.4		GPGG
1574-17450	00000/0000	10021/0185	02/17/74	30	8004	3607N	11504W	33.2	141.4		GPGG
1574-17453	00000/0000	10021/0186	02/17/74	20	8004	3441N	11531W	34.1	140.5		PPGG
1574-17455	00000/0000	10021/0187	02/17/74	30	8004	3314N	11557W	35.0	139.5		PGPP

KEYS: CLOUD COVER % .....5..... 0 TO 100 = % CLOUD COVER, ** = NO CLOUD DATA AVAILABLE.
IMAGE QUALITY .....5..... BLANKS=BAND NOT PRESENT/REQUESTED; R=RECYCLED; G=GOOD; F=FAIR BUT USABLE; P=POOR.

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	LONG	SUN ELEV.	SUN AZIM.	IMAGE QUALITY RBV 123	MSS 45678
1574-17462	00000/0000	10021/0188	02/17/74	80	8004	3148N	11622W	35.9	138.5		GGGP
1578-14380	00000/0000	10021/0605	02/21/74	0	8058	4733N	06501W	26.5	148.0		GGGG
1578-14383	00000/0000	10021/0606	02/21/74	0	8058	4608N	06536W	27.5	147.1		GGGG
1578-14385	00000/0000	10021/0607	02/21/74	10	8058	4443N	06610W	28.6	146.2		PGGG
1578-14392	00000/0000	10021/0608	02/21/74	20	8058	4317N	06643W	29.6	145.3		GGGG
1578-16205	00000/0000	10021/0609	02/21/74	70	8059	4854N	09016W	25.6	148.9		GPGG
1578-16212	00000/0000	10021/0602	02/21/74	90	8059	4729N	09053W	26.6	148.0		G GG
1578-16214	00000/0000	10021/0603	02/21/74	100	8059	4604N	09128W	27.6	147.1		G GG
1578-16221	00000/0000	10021/0610	02/21/74	100	8059	4439N	09202W	28.6	146.2		GPGG
1578-16223	00000/0000	10021/0604	02/21/74	100	8059	4314N	09234W	29.6	145.3		P GG
1578-16230	00000/0000	10021/0611	02/21/74	100	8059	4148N	09305W	30.6	144.4		GGGG
1578-16232	00000/0000	10021/0612	02/21/74	100	8059	4023N	09335W	31.6	143.5		PGGG
1578-16235	00000/0000	10021/0613	02/21/74	90	8059	3857N	09404W	32.5	142.5		GGGG
1578-16241	00000/0000	10021/0614	02/21/74	80	8059	3731N	09432W	33.5	141.6		GGGG
1578-16244	00000/0000	10021/0615	02/21/74	80	8059	3605N	09500W	34.4	140.6		GGGG
1578-16250	00000/0000	10021/0098	02/21/74	80	8059	3439N	09527W	35.3	139.6		GG
1578-16253	00000/0000	10021/0083	02/21/74	90	8059	3313N	09553W	36.3	138.6		PGGG
1578-16255	00000/0000	10021/0084	02/21/74	70	8059	3147N	09619W	37.1	137.6		GGG
1578-16262	00000/0000	10021/0085	02/21/74	30	8059	3021N	09644W	38.0	136.5		GGG
1578-16264	00000/0000	10021/0086	02/21/74	10	8059	2854N	09708W	38.9	135.4		GPG
1578-16271	00000/0000	10021/0099	02/21/74	10	8059	2728N	09732W	39.7	134.3		P
1578-16273	00000/0000	10021/0087	02/21/74	10	8059	2602N	09756W	40.5	133.2		PPG
1578-18041	00000/0000	10021/0081	02/21/74	90	8060	4855N	11604W	25.6	148.8		P GG
1578-18044	00000/0000	10021/0088	02/21/74	90	8060	4730N	11640W	26.6	148.0		PPGG
1578-18050	00000/0000	10021/0089	02/21/74	90	8060	4605N	11715W	27.6	147.1		GPPG
1578-18053	00000/0000	10021/0090	02/21/74	90	8060	4440N	11749W	28.6	146.2		PPGG
1578-18055	00000/0000	10021/0091	02/21/74	60	8060	4314N	11822W	29.6	145.3		PGGP
1578-18062	00000/0000	10021/0092	02/21/74	20	8060	4149N	11854W	30.6	144.4		PGGG
1578-18064	00000/0000	10021/0093	02/21/74	20	8060	4023N	11924W	31.6	143.5		PGGG
1578-18071	00000/0000	10021/0094	02/21/74	60	8060	3857N	11954W	32.6	142.5		PPPG
1578-18073	00000/0000	10021/0095	02/21/74	70	8060	3732N	12022W	33.5	141.6		GGGG
1578-18080	00000/0000	10021/0096	02/21/74	20	8060	3605N	12050W	34.4	140.6		GPG
1578-18082	00000/0000	10021/0097	02/21/74	50	8060	3439N	12117W	35.4	139.6		GGPP
1578-18085	00000/0000	10021/0082	02/21/74	90	8060	3313N	12143W	36.3	138.6		P PP
1579-14435	00000/0000	10021/0140	02/22/74	90	8072	4730N	06629W	26.9	147.9		GGPG
1579-14441	00000/0000	10021/0141	02/22/74	100	8072	4605N	06705W	27.9	147.0		GGPG
1579-14444	00000/0000	10021/0142	02/22/74	100	8072	4440N	06738W	28.9	146.1		GGGG
1579-14450	00000/0000	10021/0143	02/22/74	80	8072	4315N	06811W	29.9	145.2		GGGG
1579-14453	00000/0000	10021/0144	02/22/74	100	8072	4149N	06842W	30.9	144.2		GGPG

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER. ** = NO CLOUD DATA AVAILABLE.
IMAGE QUALITY ..... BLANK=BAND NOT PRESENT/REQUESTED, R=RECYCLED, G=GOOD, F=FAIR BUT USABLE, P=POOR.

FROM 03/01/74 TO 03/31/74

OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV	MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	LONG	SUN ELEV.	SUN AZIM.	IMAGE QUALITY RBV 123	MSS 45678
1579-14455	00000/0000	10021/0145	02/22/74	100	8072	4024N	06912W	31.9	143.3		GGGG
1579-16264	00000/0000	10021/0146	02/22/74	20	8073	4856N	09139W	25.9	148.8		GGGG
1579-16270	00000/0000	10021/0147	02/22/74	0	8073	4731N	09216W	26.9	147.9		GGGG
1579-16273	00000/0000	10021/0148	02/22/74	0	8073	4606N	09251W	27.9	147.0		GGGG
1579-16275	00000/0000	10021/0149	02/22/74	0	8073	4441N	09324W	28.9	146.1		GGGG
1579-16282	00000/0000	10021/0150	02/22/74	0	8073	4315N	09357W	29.9	145.2		PGGG
1579-16284	00000/0000	10021/0151	02/22/74	0	8073	4150N	09429W	30.9	144.2		GGGG
1579-16291	00000/0000	10021/0152	02/22/74	0	8073	4024N	09500W	31.9	143.3		GGGG
1579-16293	00000/0000	10021/0153	02/22/74	0	8073	3858N	09529W	32.9	142.4		GGGG
1579-16300	00000/0000	10021/0154	02/22/74	30	8073	3732N	09558W	33.8	141.4		GGPG
1579-16302	00000/0000	10021/0155	02/22/74	10	8073	3606N	09625W	34.7	140.4		GGPP
1579-16305	00000/0000	10021/0156	02/22/74	0	8073	3440N	09653W	35.7	139.4		GGGG
1579-16311	00000/0000	10021/0157	02/22/74	0	8073	3314N	09719W	36.6	138.4		GGGG
1579-16314	00000/0000	10021/0158	02/22/74	0	8073	3148N	09744W	37.4	137.4		GGGG
1579-16320	00000/0000	10021/0159	02/22/74	0	8073	3021N	09809W	38.3	136.3		GGGG
1579-16323	00000/0000	10021/0160	02/22/74	0	8073	2855N	09833W	39.1	135.2		GGGG
1579-16325	00000/0000	10021/0161	02/22/74	0	8073	2729N	09857W	40.0	134.0		PGPG
1579-16332	00000/0000	10021/0162	02/22/74	0	8073	2604N	09920W	40.8	132.9		PGGG
1579-18095	00000/0000	10021/0163	02/22/74	100	8074	4856N	11728W	25.9	148.7		GPGP
1579-18102	00000/0000	10021/0164	02/22/74	70	8074	4731N	11806W	26.9	147.8		GPGG
1579-18104	00000/0000	10021/0165	02/22/74	60	8074	4606N	11841W	28.0	147.0		GPGG
1579-18111	00000/0000	10021/0166	02/22/74	80	8074	4441N	11915W	29.0	146.1		PGGG
1579-18113	00000/0000	10021/0167	02/22/74	70	8074	4315N	11947W	30.0	145.1		GGGG
1579-18120	00000/0000	10021/0168	02/22/74	80	8074	4150N	12018W	30.9	144.2		PPGG
1579-18122	00000/0000	10021/0169	02/22/74	80	8074	4024N	12049W	31.9	143.3		GPGG
1579-18125	00000/0000	10021/0170	02/22/74	40	8074	3859N	12118W	32.9	142.4		GPGG
1579-18131	00000/0000	10021/0171	02/22/74	30	8074	3732N	12147W	33.8	141.4		GGGP
1579-18134	00000/0000	10021/0172	02/22/74	30	8074	3606N	12214W	34.8	140.4		GGGP
1579-18140	00000/0000	10021/0173	02/22/74	20	8074	3441N	12241W	35.7	139.4		GPGP
1580-14502	00000/0000	10021/0211	02/23/74	100	8086	4442N	06903W	29.3	145.9		GPGG
1580-14504	00000/0000	10021/0212	02/23/74	70	8086	4317N	06935W	30.2	145.0		GGGG
1580-14511	00000/0000	10021/0213	02/23/74	70	8086	4151N	07006W	31.2	144.1		GGGG
1580-14513	00000/0000	10021/0214	02/23/74	90	8086	4026N	07037W	32.2	143.2		GGGG
1580-14520	00000/0000	10021/0215	02/23/74	90	8086	3900N	07106W	33.2	142.2		GGGG
1580-14522	00000/0000	10021/0216	02/23/74	90	8086	3734N	07134W	34.1	141.2		GGGG
1580-14525	00000/0000	10021/0217	02/23/74	90	8086	3608N	07202W	35.0	140.3		GPGG
1580-16322	00000/0000	10021/0218	02/23/74	0	8087	4858N	09305W	26.2	148.7		GGGG
1580-16325	00000/0000	10021/0219	02/23/74	0	8087	4733N	09342W	27.3	147.7		GGGG
1580-16331	00000/0000	10021/0220	02/23/74	0	8087	4607N	09418W	28.3	146.8		GGGG

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER. ** = NO CLOUD DATA AVAILABLE.
IMAGE QUALITY ..... BLANKS=BAND NOT PRESENT/REQUESTED. R=RECYCLED. G=GOOD. F=FAIR BUT USABLE. P=POOR.

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	LONG	SUN ELEV.	SUN AZIM.	IMAGE QUALITY RBV 123	MSS 45678
1580-16334	00000/0000	10021/0221	02/23/74	50	8087	4442N	09452W	29.3	145.9		GGGG
1580-16340	00000/0000	10021/0408	02/23/74	60	8087	4317N	09524W	30.3	145.0		GPGG
1580-16343	00000/0000	10021/0409	02/23/74	100	8087	4152N	09555W	31.2	144.1		GPGG
1580-16345	00000/0000	10021/0410	02/23/74	100	8087	4026N	09625W	32.2	143.2		PGG
1580-16352	00000/0000	10021/0411	02/23/74	40	8087	3900N	09655W	33.2	142.2		GGG
1580-16354	00000/0000	10021/0412	02/23/74	10	8087	3734N	09723W	34.1	141.2		GGG
1580-16361	00000/0000	10021/0413	02/23/74	0	8087	3608N	09751W	35.0	140.2		GGG
1580-16363	00000/0000	10021/0414	02/23/74	0	8087	3442N	09818W	36.0	139.2		GGG
1580-16370	00000/0000	10021/0415	02/23/74	0	8087	3316N	09844W	36.9	138.2		GGP
1580-16372	00000/0000	10021/0416	02/23/74	50	8087	3150N	09910W	37.7	137.1		GPP
1580-16375	00000/0000	10021/0417	02/23/74	50	8087	3024N	09935W	38.6	136.0		GPP
1580-16381	00000/0000	10021/0418	02/23/74	20	8087	2858N	10000W	39.4	134.9		GPG
1580-16384	00000/0000	10021/0419	02/23/74	50	8087	2731N	10024W	40.3	133.8		PGG
1580-18154	00000/0000	10021/0420	02/23/74	30	8088	4859N	11852W	26.3	148.6		GGGG
1580-18160	00000/0000	10021/0421	02/23/74	20	8088	4734N	11930W	27.3	147.7		GPGG
1580-18163	00000/0000	10021/0422	02/23/74	80	8088	4608N	12006W	28.3	146.8		PPPG
1580-18165	00000/0000	10021/0423	02/23/74	70	8088	4443N	12040W	29.3	145.9		GPGG
1580-18172	00000/0000	10021/0424	02/23/74	30	8088	4317N	12113W	30.3	145.0		GPGG
1580-18174	00000/0000	10021/0425	02/23/74	10	8088	4152N	12144W	31.3	144.1		GPGG
1580-18181	00000/0000	10021/0426	02/23/74	0	8088	4026N	12214W	32.2	143.1		PGGG
1580-18183	00000/0000	10021/0427	02/23/74	0	8088	3900N	12244W	33.2	142.2		GGGG
1580-18190	00000/0000	10021/0428	02/23/74	10	8088	3735N	12312W	34.1	141.2		GGGG
1580-18192	00000/0000	10021/0429	02/23/74	10	8088	3609N	12340W	35.1	140.2		GPGG
1581-14551	00000/0000	10021/0255	02/24/74	30	8100	4733N	06917W	27.6	147.6		GPGG
1581-14554	00000/0000	10021/0256	02/24/74	10	8100	4608N	06953W	28.6	146.7		GPGG
1581-14560	00000/0000	10021/0257	02/24/74	0	8100	4443N	07027W	29.6	145.8		GGGG
1581-14565	00000/0000	10021/0258	02/24/74	0	8100	4152N	07131W	31.6	144.0		GGGG
1581-14572	00000/0000	10021/0259	02/24/74	0	8100	4027N	07201W	32.5	143.0		GGGP
1581-14574	00000/0000	10021/0260	02/24/74	60	8100	3901N	07231W	33.5	142.0		GPGG
1581-14581	00000/0000	10021/0253	02/24/74	70	8100	3735N	07259W	34.4	141.1		G GG
1581-14583	00000/0000	10021/0254	02/24/74	70	8100	3610N	07327W	35.3	140.1		P GG
1581-14590	00000/0000	10021/0261	02/24/74	70	8100	3444N	07354W	36.3	139.0		PGGG
1581-14592	00000/0000	10021/0262	02/24/74	90	8100	3318N	07420W	37.1	138.0		GGGG
1581-14595	00000/0000	10021/0263	02/24/74	80	8100	3152N	07446W	38.0	136.9		GPGG
1581-16380	00000/0000	10021/0264	02/24/74	0	8101	4856N	09432W	26.6	148.5		PPGG
1581-16383	00000/0000	10021/0265	02/24/74	0	8101	4731N	09508W	27.6	147.6		PGGG
1581-16385	00000/0000	10021/0266	02/24/74	0	8101	4605N	09544W	28.7	146.7		PGGG
1581-16392	00000/0000	10021/0267	02/24/74	0	8101	4440N	09617W	29.7	145.8		PGGG
1581-16394	00000/0000	10021/0301	02/24/74	0	8101	4315N	09649W	30.6	144.8		GPPG

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER. ** = NO CLOUD DATA AVAILABLE.
IMAGE QUALITY ..... BLANKS=BAND NOT PRESENT/REQUESTED; R=RECYCLED; G=GOOD. F=FAIR BUT USABLE. P=POOR.

FROM 03/01/74 TO 03/31/74

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	LONG	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678
1581-16401	00000/0000	10021/0302	02/24/74	0	8101	4150N	09720W	31.6	143.9		GGGG
1581-16403	00000/0000	10021/0303	02/24/74	0	8101	4024N	09751W	32.6	143.0		GGGG
1581-16410	00000/0000	10021/0304	02/24/74	0	8101	3858N	09821W	33.5	142.0		GGGG
1581-16412	00000/0000	10021/0305	02/24/74	0	8101	3732N	09849W	34.5	141.0		GGGG
1581-16415	00000/0000	10021/0306	02/24/74	0	8101	3606N	09917W	35.4	140.0		GGGG
1581-16421	00000/0000	10021/0307	02/24/74	0	8101	3440N	09944W	36.3	139.0		GGPG
1581-16424	00000/0000	10021/0308	02/24/74	0	8101	3314N	10009W	37.2	137.9		GGGG
1581-16430	00000/0000	10021/0309	02/24/74	0	8101	3147N	10035W	38.1	136.9		GGGG
1581-16433	00000/0000	10021/0310	02/24/74	0	8101	3021N	10100W	38.9	135.8		GGGG
1581-16435	00000/0000	10021/0311	02/24/74	0	8101	2855N	10124W	39.8	134.6		GGGG
1581-16442	00000/0000	10021/0312	02/24/74	0	8101	2729N	10148W	40.6	133.5		GGGG
1581-18212	00000/0000	10021/0313	02/24/74	60	8102	4856N	12020W	26.6	148.5		GGGG
1581-18215	00000/0000	10021/0314	02/24/74	70	8102	4731N	12057W	27.7	147.6		GGGG
1581-18221	00000/0000	10021/0315	02/24/74	70	8102	4606N	12133W	28.7	146.7		PGGG
1581-18224	00000/0000	10021/0316	02/24/74	20	8102	4441N	12207W	29.7	145.8		GGGG
1581-18230	00000/0000	10021/0317	02/24/74	10	8102	4315N	12240W	30.7	144.8		GGGG
1581-18233	00000/0000	10021/0318	02/24/74	10	8102	4149N	12311W	31.6	143.9		GGGG
1581-18235	00000/0000	10021/0319	02/24/74	10	8102	4024N	12341W	32.6	142.9		GGGG
1581-18242	00000/0000	10021/0320	02/24/74	10	8102	3858N	12410W	33.6	142.0		GGGG
1581-18244	00000/0000	10021/0321	02/24/74	10	8102	3733N	12438W	34.5	141.0		GGGG
1582-15010	00000/0000	10021/0270	02/25/74	0	8114	4731N	07045W	28.0	147.5		GGGG
1582-15012	00000/0000	10021/0271	02/25/74	50	8114	4606N	07120W	29.0	146.6		GGGG
1582-15015	00000/0000	10021/0272	02/25/74	80	8114	4441N	07154W	30.0	145.6		PGGP
1582-15021	00000/0000	10021/0273	02/25/74	80	8114	4315N	07227W	31.0	144.7		GGGR
1582-15024	00000/0000	10021/0274	02/25/74	90	8114	4150N	07259W	31.9	143.8		GPGP
1582-15030	00000/0000	10021/0275	02/25/74	90	8114	4024N	07329W	32.9	142.8		GGGP
1582-15033	00000/0000	10021/0268	02/25/74	80	8114	3859N	07358W	33.8	141.8		G GG
1582-15035	00000/0000	10021/0276	02/25/74	70	8114	3733N	07427W	34.8	140.8		GGGG
1582-15042	00000/0000	10021/0277	02/25/74	50	8114	3607N	07454W	35.7	139.8		GGGG
1582-15044	00000/0000	10021/0278	02/25/74	30	8114	3441N	07521W	36.6	138.8		GGGG
1582-15051	00000/0000	10021/0279	02/25/74	40	8114	3315N	07547W	37.5	137.7		GGGG
1582-15053	00000/0000	10021/0280	02/25/74	60	8114	3149N	07613W	38.4	136.6		GPGG
1582-15060	00000/0000	10021/0281	02/25/74	40	8114	3023N	07639W	39.2	135.5		GGGG
1582-15062	00000/0000	10021/0282	02/25/74	50	8114	2857N	07704W	40.0	134.4		GGGG
1582-15065	00000/0000	10021/0283	02/25/74	50	8114	2731N	07728W	40.9	133.2		GGGG
1582-16435	00000/0000	10021/0284	02/25/74	30	8115	4857N	09558W	27.0	148.4		GGGG
1582-16441	00000/0000	10021/0269	02/25/74	50	8115	4732N	09635W	28.0	147.5		G GP
1582-16444	00000/0000	10021/0285	02/25/74	40	8115	4607N	09710W	29.0	146.6		GGGG
1582-16450	00000/0000	10021/0286	02/25/74	30	8115	4442N	09744W	30.0	145.6		GGGG

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER. ** = NO CLOUD DATA AVAILABLE.
IMAGE QUALITY ..... BLANKS=BAND NOT PRESENT/REQUESTED. R=RECYCLED. G=GOOD. F=FAIR BUT USABLE. P=POOR.

OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV	MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	LONG	SUN ELEV.	SUN AZIM.	IMAGE QUALITY RBV 123	MSS 45678
1582-16453	00000/0000	10021/0287	02/25/74	30	8115	4316N	09816W	31.0	144.7		GGGG
1582-16455	00000/0000	10021/0323	02/25/74	0	8115	4150N	09848W	32.0	143.8		GGGG
1582-16462	00000/0000	10021/0324	02/25/74	0	8115	4025N	09918W	32.9	142.8		GGGG
1582-16464	00000/0000	10021/0325	02/25/74	0	8115	3859N	09947W	33.9	141.8		GGGG
1582-16471	00000/0000	10021/0326	02/25/74	0	8115	3734N	10016W	34.8	140.8		GGGG
1582-16473	00000/0000	10021/0327	02/25/74	0	8115	3607N	10043W	35.7	139.8		GPGG
1582-16480	00000/0000	10021/0322	02/25/74	0	8115	3441N	10110W	36.6	138.8		G GG
1582-16482	00000/0000	10021/0328	02/25/74	0	8115	3315N	10137W	37.5	137.7		GPGG
1582-16485	00000/0000	10021/0329	02/25/74	0	8115	3148N	10203W	38.4	136.6		GPGG
1582-16491	00000/0000	10021/0330	02/25/74	0	8115	3022N	10228W	39.2	135.5		GPGG
1582-16494	00000/0000	10021/0331	02/25/74	0	8115	2856N	10252W	40.1	134.4		GPGG
1582-16500	00000/0000	10021/0332	02/25/74	0	8115	2730N	10316W	40.9	133.2		GPGG
1582-18270	00000/0000	10021/0333	02/25/74	80	8116	4857N	12146W	27.0	148.4		GPGG
1582-18273	00000/0000	10021/0334	02/25/74	50	8116	4733N	12224W	28.0	147.5		GGGG
1582-18275	00000/0000	10021/0335	02/25/74	70	8116	4608N	12300W	29.0	146.6		PPGG
1582-18282	00000/0000	10021/0336	02/25/74	70	8116	4442N	12334W	30.0	145.6		PPPG
1582-18284	00000/0000	10021/0337	02/25/74	70	8116	4316N	12406W	31.0	144.7		GPGG
1582-18291	00000/0000	10021/0338	02/25/74	70	8116	4150N	12437W	32.0	143.7		PPGP
1582-18293	00000/0000	10021/0339	02/25/74	70	8116	4025N	12508W	32.9	142.8		PPGG
1583-16493	00000/0000	10021/0386	02/26/74	40	8129	4857N	09722W	27.3	148.3		GGGG
1583-16500	00000/0000	10021/0387	02/26/74	60	8129	4732N	09800W	28.3	147.4		GGGG
1583-16502	00000/0000	10021/0388	02/26/74	40	8129	4607N	09835W	29.3	146.4		GGGG
1583-16505	00000/0000	10021/0389	02/26/74	20	8129	4442N	09909W	30.3	145.5		GGGG
1583-16511	00000/0000	10021/0390	02/26/74	30	8129	4317N	09941W	31.3	144.6		GGGG
1583-16514	00000/0000	10021/0391	02/26/74	60	8129	4151N	10011W	32.3	143.6		GGGG
1583-16520	00000/0000	10021/0392	02/26/74	50	8129	4026N	10041W	33.3	142.6		GGGG
1583-16523	00000/0000	10021/0393	02/26/74	10	8129	3900N	10111W	34.2	141.6		GGGG
1583-16525	00000/0000	10021/0394	02/26/74	10	8129	3734N	10140W	35.1	140.6		GGGG
1583-16532	00000/0000	10021/0395	02/26/74	0	8129	3608N	10208W	36.1	139.6		GGGG
1583-16534	00000/0000	10021/0396	02/26/74	0	8129	3442N	10234W	37.0	138.6		GPGG
1583-16541	00000/0000	10021/0397	02/26/74	10	8129	3316N	10300W	37.8	137.5		GPGG
1583-16543	00000/0000	10021/0398	02/26/74	60	8129	3150N	10326W	38.7	136.4		GGGG
1583-16550	00000/0000	10021/0399	02/26/74	60	8129	3024N	10351W	39.5	135.3		GGGG
1583-16552	00000/0000	10021/0400	02/26/74	70	8129	2857N	10415W	40.4	134.1		GGGG
1583-16555	00000/0000	10021/0401	02/26/74	80	8129	2731N	10439W	41.2	132.9		GGGG
1583-18325	00000/0000	10021/0402	02/26/74	90	8130	4857N	12312W	27.3	148.3		GGGG
1583-18331	00000/0000	10021/0403	02/26/74	90	8130	4732N	12350W	28.4	147.4		GGGG
1583-18334	00000/0000	10021/0404	02/26/74	90	8130	4608N	12425W	29.4	146.4		GGGG
1583-18340	00000/0000	10021/0405	02/26/74	90	8130	4443N	12500W	30.4	145.5		GGGG

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER. ** = NO CLOUD DATA AVAILABLE.
IMAGE QUALITY ..... BLANKS=BAND NOT PRESENT/REQUESTED. R=RECYCLED. G=GOOD. F=FAIR BUT USABLE. P=POOR.

OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV	MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	LONG	SUN ELEV.	SUN AZIM.	IMAGE QUALITY RBV 123	MSS 45678
1583-18343	00000/0000	10021/0406	02/26/74	50	8130	4316N	12533W	31.4	144.5		GGGG
1583-18345	00000/0000	10021/0407	02/26/74	50	8130	4151N	12603W	32.3	143.6		GGGG
1584-16551	00000/0000	10021/0370	02/27/74	100	8143	4858N	09850W	27.7	148.2		GPGG
1584-16554	00000/0000	10021/0371	02/27/74	100	8143	4733N	09927W	28.7	147.3		GGGG
1584-16560	00000/0000	10021/0372	02/27/74	80	8143	4608N	10002W	29.7	146.3		GPGG
1584-16563	00000/0000	10021/0373	02/27/74	90	8143	4442N	10036W	30.7	145.4		GPGG
1584-16565	00000/0000	10021/0374	02/27/74	50	8143	4317N	10108W	31.7	144.4		GGGG
1584-16572	00000/0000	10021/0375	02/27/74	90	8143	4151N	10139W	32.6	143.4		GPGG
1584-16574	00000/0000	10021/0376	02/27/74	90	8143	4026N	10210W	33.6	142.5		GPGG
1584-16581	00000/0000	10021/0377	02/27/74	100	8143	3900N	10239W	34.5	141.5		GPGG
1584-16583	00000/0000	10021/0367	02/27/74	100	8143	3734N	10308W	35.5	140.4		G GG
1584-16590	00000/0000	10021/0368	02/27/74	90	8143	3608N	10336W	36.4	139.4		G GG
1584-16592	00000/0000	10021/0369	02/27/74	20	8143	3441N	10403W	37.3	138.3		G GG
1584-16595	00000/0000	10021/0378	02/27/74	10	8143	3315N	10429W	38.2	137.3		GPGG
1584-17001	00000/0000	10021/0379	02/27/74	0	8143	3149N	10455W	39.0	136.1		GGGG
1584-17004	00000/0000	10021/0380	02/27/74	0	8143	3023N	10520W	39.9	135.0		GGGG
1584-17010	00000/0000	10021/0381	02/27/74	0	8143	2857N	10544W	40.7	133.8		GGGG
1584-18383	00000/0000	10021/0382	02/27/74	80	8144	4857N	12437W	27.7	148.2		GGGP
1584-18385	00000/0000	10021/0383	02/27/74	80	8144	4733N	12514W	28.7	147.3		GPGP
1584-18392	00000/0000	10021/0384	02/27/74	100	8144	4607N	12549W	29.7	146.3		GPGP
1584-18394	00000/0000	10021/0385	02/27/74	100	8144	4442N	12623W	30.7	145.4		GPPP
1585-15245	00000/0000	10021/0457	02/28/74	10	8156	2440N	08232W	43.3	129.8		PGP
1587-15291	00000/0000	10021/0535	03/02/74	100	8184	4854N	07717W	28.8	147.9		G GG
1587-15293	00000/0000	10021/0536	03/02/74	100	8184	4729N	07755W	29.8	146.9		P GG
1587-15300	00000/0000	10021/0537	03/02/74	100	8184	4604N	07831W	30.8	145.9		P GG
1587-15302	00000/0000	10021/0538	03/02/74	100	8184	4439N	07905W	31.8	144.9		G GG
1587-15305	00000/0000	10021/0539	03/02/74	100	8184	4314N	07938W	32.8	143.9		P GG
1587-15311	00000/0000	10021/0548	03/02/74	100	8184	4148N	08010W	33.7	142.9		GPGG
1587-15314	00000/0000	10021/0549	03/02/74	100	8184	4022N	08041W	34.7	141.9		GPGG
1587-15320	00000/0000	10021/0550	03/02/74	100	8184	3857N	08110W	35.6	140.9		GPGG
1587-15323	00000/0000	10021/0540	03/02/74	100	8184	3731N	08138W	36.5	139.8		G GG
1587-15325	00000/0000	10021/0541	03/02/74	100	8184	3605N	08205W	37.4	138.8		P GG
1587-15332	00000/0000	10021/0542	03/02/74	70	8184	3440N	08232W	38.3	137.7		P GG
1587-15334	00000/0000	10021/0543	03/02/74	60	8184	3314N	08258W	39.2	136.5		G GG
1587-15341	00000/0000	10021/0544	03/02/74	70	8184	3148N	08324W	40.0	135.4		G GG
1587-15343	00000/0000	10021/0545	03/02/74	100	8184	3022N	08349W	40.8	134.2		P GG
1587-15350	00000/0000	10021/0546	03/02/74	80	8184	2855N	08413W	41.6	133.0		P GG
1587-15352	00000/0000	10021/0547	03/02/74	50	8184	2729N	08438W	42.4	131.7		G GP
1587-15355	00000/0000	10021/0551	03/02/74	60	8184	2603N	08501W	43.2	130.4		PPGG

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER. ** = NO CLOUD DATA AVAILABLE.
IMAGE QUALITY ..... BLANKS=BAND NOT PRESENT/REQUESTED. R=RECYCLED. G=GOOD. F=FAIR BUT USABLE. P=POOR.

FROM 03/01/74 TO 03/31/74

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	LONG	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678
1587-15361	00000/0000	10021/0552	03/02/74	80	8184	2436N	08525W	43.9	129.1		GGGG
1588-15345	00000/0000	10021/0502	03/03/74	100	8198	4854N	07846W	29.2	147.8		P GG
1588-15363	00000/0000	10021/0503	03/03/74	100	8198	4314N	08106W	33.1	143.8		P PP
1588-15370	00000/0000	10021/0504	03/03/74	100	8198	4149N	08137W	34.1	142.8		G GG
1588-15372	00000/0000	10021/0505	03/03/74	100	8198	4023N	08207W	35.0	141.8		P GG
1588-15375	00000/0000	10021/0506	03/03/74	100	8198	3857N	08236W	36.0	140.7		G GG
1588-15381	00000/0000	10021/0507	03/03/74	70	8198	3732N	08305W	36.9	139.6		G GG
1588-15384	00000/0000	10021/0508	03/03/74	80	8198	3606N	08332W	37.8	138.6		GPGG
1588-15390	00000/0000	10021/0509	03/03/74	80	8198	3440N	08359W	38.6	137.4		PPGG
1588-15393	00000/0000	10021/0510	03/03/74	100	8198	3314N	08425W	39.5	136.3		PPGP
1588-15395	00000/0000	10021/0511	03/03/74	100	8198	3148N	08451W	40.3	135.1		PPGG
1588-15402	00000/0000	10021/0512	03/03/74	20	8198	3022N	08516W	41.2	133.9		GGGG
1588-15404	00000/0000	10021/0513	03/03/74	10	8198	2856N	08541W	41.9	132.7		PGGG
1588-15411	00000/0000	10021/0514	03/03/74	10	8198	2730N	08604W	42.7	131.4		GGGG
1588-15413	00000/0000	10021/0515	03/03/74	60	8198	2603N	08628W	43.5	130.1		PGGG
1588-15420	00000/0000	10021/0516	03/03/74	60	8198	2438N	08651W	44.2	128.8		PG G
1588-17181	00000/0000	10021/0633	03/03/74	10	8199	4855N	10436W	29.2	147.8		PPGG
1588-17183	00000/0000	10021/0634	03/03/74	70	8199	4730N	10513W	30.2	146.8		GPGG
1588-17190	00000/0000	10021/0629	03/03/74	80	8199	4605N	10549W	31.2	145.8		G GG
1588-17192	00000/0000	10021/0635	03/03/74	80	8199	4439N	10623W	32.2	144.8		GPGG
1588-17195	00000/0000	10021/0636	03/03/74	10	8199	4314N	10655W	33.2	143.8		GPGG
1588-17201	00000/0000	10021/0637	03/03/74	70	8199	4149N	10726W	34.1	142.8		GPGG
1588-17204	00000/0000	10021/0638	03/03/74	70	8199	4023N	10756W	35.1	141.7		PPGG
1588-17210	00000/0000	10021/0639	03/03/74	70	8199	3858N	10825W	36.0	140.7		PGGG
1588-17213	00000/0000	10021/0640	03/03/74	40	8199	3732N	10854W	36.9	139.6		PGGG
1588-17215	00000/0000	10021/0630	03/03/74	20	8199	3606N	10922W	37.8	138.5		G GG
1588-17222	00000/0000	10021/0631	03/03/74	40	8199	3440N	10949W	38.7	137.4		G GG
1588-17224	00000/0000	10021/0632	03/03/74	20	8199	3314N	11014W	39.5	136.3		G GG
1588-17231	00000/0000	10021/0641	03/03/74	30	8199	3148N	11039W	40.4	135.1		GGGG
1589-17235	00000/0000	10021/0616	03/04/74	80	8213	4855N	10602W	29.6	147.6		GGGG
1589-17241	00000/0000	10021/0617	03/04/74	20	8213	4730N	10638W	30.6	146.7		GGGG
1589-17244	00000/0000	10021/0618	03/04/74	10	8213	4605N	10713W	31.6	145.7		GGGG
1589-17250	00000/0000	10021/0619	03/04/74	10	8213	4440N	10747W	32.5	144.7		GGGG
1589-17253	00000/0000	10021/0620	03/04/74	0	8213	4315N	10820W	33.5	143.6		GGPG
1589-17255	00000/0000	10021/0621	03/04/74	0	8213	4150N	10851W	34.5	142.6		GGGG
1589-17262	00000/0000	10021/0622	03/04/74	20	8213	4024N	10921W	35.4	141.6		GGGG
1589-17264	00000/0000	10021/0623	03/04/74	20	8213	3858N	10951W	36.3	140.5		GGGG
1589-17271	00000/0000	10021/0624	03/04/74	0	8213	3732N	11020W	37.2	139.4		GGGG
1589-17273	00000/0000	10021/0625	03/04/74	10	8213	3606N	11047W	38.1	138.3		GGGG

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER. ** = NO CLOUD DATA AVAILABLE.
IMAGE QUALITY ..... BLANKS=BAND NOT PRESENT/REQUESTED. R=RECYCLED. G=GOOD. F=FAIR BUT USABLE. P=POOR.

FROM 03/01/74 TO 03/31/74

OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV	MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	LONG	SUN ELEV.	SUN AZIM.	IMAGE QUALITY RBV 123	MSS 45678
1589-17280	00000/0000	10021/0626	03/04/74	10	8213	3441N	11114W	39.0	137.2		GGGG
1589-17282	00000/0000	10021/0627	03/04/74	0	8213	3314N	11140W	39.9	136.0		GGGG
1589-17285	00000/0000	10021/0628	03/04/74	0	8213	3148N	11206W	40.7	134.9		GGGG

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER. ** = NO CLOUD DATA AVAILABLE.
IMAGE QUALITY ..... BLANKS=BAND NOT PRESENT/REQUESTED. R=RECYCLED. G=GOOD. F=FAIR BUT USABLE. P=POOR.

FROM 03/01/74 TO 03/31/74

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	LONG	SUN ELEV.	SUN AZIM.	IMAGE QUALITY RBV 123	MSS 45678
1569-20344	00000/0000	10021/0014	02/12/74	100	7936	6414N	14458W	10.7	160.5		GGGG
1569-20350	00000/0000	10021/0015	02/12/74	90	7936	6252N	14612W	11.8	159.2		GGGG
1569-20353	00000/0000	10021/0016	02/12/74	80	7936	6130N	14721W	12.9	158.1		GGGG
1569-20355	00000/0000	10021/0017	02/12/74	90	7936	6008N	14824W	14.0	157.1		GGGG
1569-20362	00000/0000	10021/0018	02/12/74	100	7936	5845N	14923W	15.1	156.0		GGGG
1569-20364	00000/0000	10021/0019	02/12/74	90	7936	5721N	15018W	16.2	155.1		GGGG
1569-20371	00000/0000	10021/0020	02/12/74	70	7936	5557N	15109W	17.3	154.2		GGGG
1569-20373	00000/0000	10021/0021	02/12/74	100	7936	5433N	15157W	18.4	153.3		GGGG
1569-20380	00000/0000	10021/0022	02/12/74	100	7936	5309N	15243W	19.5	152.4		GGGG
1570-19000	00000/0000	10021/0023	02/13/74	100	7949	5431N	12734W	18.7	153.2		GGGG
1570-20402	00000/0000	10021/0024	02/13/74	70	7950	6414N	14621W	11.1	160.4		PGGG
1570-20404	00000/0000	10021/0025	02/13/74	80	7950	6253N	14736W	12.2	159.2		PGPG
1570-20411	00000/0000	10021/0026	02/13/74	90	7950	6131N	14845W	13.3	158.1		PGGG
1570-20413	00000/0000	10021/0027	02/13/74	100	7950	6008N	14949W	14.4	157.0		PGGP
1570-20420	00000/0000	10021/0028	02/13/74	100	7950	5845N	15047W	15.4	156.0		PGGG
1570-20422	00000/0000	10021/0029	02/13/74	100	7950	5722N	15142W	16.5	155.0		PGGG
1570-20425	00000/0000	10021/0030	02/13/74	100	7950	5558N	15234W	17.6	154.1		PGGG
1570-22234	00000/0000	10021/0031	02/13/74	10	7951	6414N	17210W	11.1	160.4		PGPP
1570-22240	00000/0000	10021/0032	02/13/74	10	7951	6253N	17325W	12.2	159.2		PGPP
1570-22243	00000/0000	10021/0033	02/13/74	20	7951	6131N	17434W	13.3	158.1		PPGG
1570-22245	00000/0000	10021/0034	02/13/74	50	7951	6008N	17537W	14.4	157.0		PGGG
1570-22252	00000/0000	10021/0035	02/13/74	70	7951	5845N	17636W	15.5	156.0		GGGG
1570-22254	00000/0000	10021/0036	02/13/74	100	7951	5722N	17732W	16.6	155.0		GGGG
1570-22261	00000/0000	10021/0037	02/13/74	100	7951	5558N	17823W	17.6	154.1		GGGG
1570-22263	00000/0000	10021/0038	02/13/74	100	7951	5434N	17912W	18.7	153.2		GGGG
1570-22270	00000/0000	10021/0039	02/13/74	90	7951	5309N	17957W	19.8	152.3		GGGG
1570-22272	00000/0000	10021/0040	02/13/74	70	7951	5145N	17919E	20.9	151.5		PGGG
1572-19104	00000/0000	10021/0041	02/15/74	80	7977	5722N	12845W	17.2	154.9		GGGG
1572-19110	00000/0000	10021/0042	02/15/74	100	7977	5558N	12937W	18.3	153.9		GGGG
1572-19113	00000/0000	10021/0043	02/15/74	90	7977	5435N	13025W	19.3	153.0		PGGG
1572-20515	00000/0000	10021/0044	02/15/74	100	7978	6414N	14915W	11.7	160.3		GPGG
1572-20521	00000/0000	10021/0045	02/15/74	90	7978	6252N	15030W	12.8	159.1		GGGG
1572-20524	00000/0000	10021/0046	02/15/74	90	7978	6130N	15139W	13.9	157.9		GGGG
1572-20530	00000/0000	10021/0047	02/15/74	50	7978	6008N	15242W	15.0	156.9		GGGG
1572-20533	00000/0000	10021/0048	02/15/74	50	7978	5845N	15341W	16.1	155.8		GGGG
1572-20535	00000/0000	10021/0049	02/15/74	70	7978	5721N	15435W	17.2	154.9		GGGG
1572-20542	00000/0000	10021/0050	02/15/74	100	7978	5558N	15526W	18.3	153.9		GGGG
1574-19220	00000/0000	10021/0189	02/17/74	100	8005	5722N	13140W	17.9	154.7		GPGP
1574-19223	00000/0000	10021/0190	02/17/74	100	8005	5558N	13230W	18.9	153.7		GPGG

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER. ** = NO CLOUD DATA AVAILABLE.
IMAGE QUALITY ..... BLANKS=BAND NOT PRESENT/REQUESTED. R=RECYCLED. G=GOOD. F=FAIR BUT USABLE. P=POOR.

OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL ROV	MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	LONG	SUN ELEV.	SUN AZIM.	IMAGE QUALITY ROV 123	MSS 45678
1574-19225	00000/0000	10021/0174	02/17/74	100	8005	5434N	13318W	20.0	152.8		G GG
1574-19232	00000/0000	10021/0175	02/17/74	100	8005	5310N	13403W	21.1	151.9		G GG
1575-22560	00000/0000	10021/0052	02/18/74	60	8021	5142N	17206E	22.6	150.9		GGGG
1576-19321	00000/0000	10021/0517	02/19/74	60	8033	6130N	13135W	15.3	157.7		GGGG
1576-19324	00000/0000	10021/0518	02/19/74	40	8033	6007N	13239W	16.4	156.6		GGGG
1576-19330	00000/0000	10021/0519	02/19/74	100	8033	5844N	13339W	17.5	155.6		GGGG
1576-19333	00000/0000	10021/0520	02/19/74	100	8033	5721N	13434W	18.6	154.5		GGGG
1576-19335	00000/0000	10021/0521	02/19/74	100	8033	5558N	13525W	19.6	153.6		GGGG
1576-19342	00000/0000	10021/0522	02/19/74	100	8033	5434N	13613W	20.7	152.6		GGGG
1576-19344	00000/0000	10021/0523	02/19/74	100	8033	5310N	13658W	21.8	151.7		GGGG
1576-21133	00000/0000	10021/0524	02/19/74	30	8034	6815N	15030W	9.9	164.6		GGGG
1576-21135	00000/0000	10021/0525	02/19/74	0	8034	6655N	15209W	11.0	163.0		GGGG
1576-21142	00000/0000	10021/0526	02/19/74	0	8034	6535N	15338W	12.1	161.5		GGGG
1576-21144	00000/0000	10021/0527	02/19/74	0	8034	6414N	15459W	13.2	160.1		GGGG
1576-21151	00000/0000	10021/0528	02/19/74	0	8034	6252N	15613W	14.3	158.9		GGGG
1576-21153	00000/0000	10021/0529	02/19/74	0	8034	6130N	15722W	15.3	157.7		GGGG
1576-21160	00000/0000	10021/0530	02/19/74	0	8034	6008N	15827W	16.4	156.6		GGGG
1576-21162	00000/0000	10021/0531	02/19/74	0	8034	5845N	15926W	17.5	155.5		GGGG
1576-21165	00000/0000	10021/0532	02/19/74	30	8034	5722N	16021W	18.6	154.5		GGGG
1576-21171	00000/0000	10021/0533	02/19/74	100	8034	5558N	16112W	19.7	153.6		GGGG
1576-21174	00000/0000	10021/0534	02/19/74	100	8034	5435N	16200W	20.7	152.6		GGGG
1577-19380	00000/0000	10021/0053	02/20/74	90	8047	6132N	13302W	15.7	157.7		PPPP
1577-19382	00000/0000	10021/0054	02/20/74	80	8047	6010N	13405W	16.7	156.6		PPPP
1577-19385	00000/0000	10021/0055	02/20/74	100	8047	5846N	13504W	17.8	155.5		PPPP
1577-19391	00000/0000	10021/0056	02/20/74	100	8047	5723N	13558W	18.9	154.5		PPPP
1577-19394	00000/0000	10021/0057	02/20/74	80	8047	5559N	13650W	20.0	153.5		PPPP
1577-19400	00000/0000	10021/0058	02/20/74	90	8047	5435N	13738W	21.0	152.6		PPPP
1577-19403	00000/0000	10021/0059	02/20/74	100	8047	5311N	13823W	22.1	151.7		PPPP
1577-21191	00000/0000	10021/0060	02/20/74	0	8048	6816N	15153W	10.2	164.6		PPPP
1577-21193	00000/0000	10021/0061	02/20/74	0	8048	6656N	15334W	11.3	163.0		GPPP
1577-21200	00000/0000	10021/0062	02/20/74	0	8048	6536N	15504W	12.4	161.5		GPPP
1577-21202	00000/0000	10021/0063	02/20/74	0	8048	6415N	15626W	13.5	160.1		GPPP
1577-21205	00000/0000	10021/0064	02/20/74	0	8048	6253N	15741W	14.6	158.9		GPPP
1577-21211	00000/0000	10021/0065	02/20/74	0	8048	6131N	15849W	15.7	157.7		GPPP
1577-21214	00000/0000	10021/0066	02/20/74	0	8048	6008N	15953W	16.8	156.6		GPPP
1577-21220	00000/0000	10021/0067	02/20/74	10	8048	5845N	16052W	17.9	155.5		PPPP
1577-21223	00000/0000	10021/0068	02/20/74	30	8048	5722N	16147W	18.9	154.5		PPPP
1577-21225	00000/0000	10021/0069	02/20/74	80	8048	5558N	16239W	20.0	153.5		PPPP
1577-21232	00000/0000	10021/0070	02/20/74	90	8048	5434N	16327W	21.1	152.6		PPPP

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OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	LONG	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678
1578-19443	00000/0000	10021/0100	02/21/74	80	8061	5844N	13629W	18.2	155.4		GGGG
1578-19450	00000/0000	10021/0101	02/21/74	70	8061	5721N	13724W	19.3	154.4		GGGP
1578-19452	00000/0000	10021/0102	02/21/74	70	8061	5558N	13815W	20.4	153.4		PPPP
1578-19455	00000/0000	10021/0103	02/21/74	80	8061	5434N	13903W	21.4	152.5		GGGG
1578-19461	00000/0000	10021/0104	02/21/74	90	8061	5310N	13949W	22.5	151.5		GPGG
1578-21245	00000/0000	10021/0105	02/21/74	0	8062	6817N	15318W	10.5	164.6		GGGG
1578-21252	00000/0000	10021/0106	02/21/74	0	8062	6658N	15458W	11.6	163.0		GGGG
1578-21254	00000/0000	10021/0107	02/21/74	0	8062	6538N	15628W	12.7	161.5		GPGG
1578-21261	00000/0000	10021/0108	02/21/74	0	8062	6417N	15751W	13.8	160.1		GGGP
1578-21263	00000/0000	10021/0109	02/21/74	0	8062	6255N	15905W	14.9	158.8		GGGG
1578-21270	00000/0000	10021/0110	02/21/74	0	8062	6133N	16014W	16.0	157.6		GGGG
1578-21272	00000/0000	10021/0111	02/21/74	0	8062	6010N	16118W	17.1	156.5		GPGG
1578-21275	00000/0000	10021/0112	02/21/74	10	8062	5847N	16217W	18.2	155.5		GGGG
1578-21281	00000/0000	10021/0113	02/21/74	10	8062	5724N	16312W	19.3	154.4		PGPG
1578-21284	00000/0000	10021/0114	02/21/74	50	8062	5600N	16404W	20.3	153.5		GGPG
1578-21290	00000/0000	10021/0115	02/21/74	80	8062	5436N	16452W	21.4	152.5		PGGG
1578-21293	00000/0000	10021/0116	02/21/74	90	8062	5312N	16537W	22.5	151.6		GPPP
1579-19490	00000/0000	10021/0191	02/22/74	40	8075	6253N	13445W	15.3	158.8		GG G
1579-19492	00000/0000	10021/0192	02/22/74	30	8075	6131N	13554W	16.4	157.6		GGGG
1579-19495	00000/0000	10021/0193	02/22/74	20	8075	6008N	13658W	17.5	156.4		GGGG
1579-19501	00000/0000	10021/0194	02/22/74	20	8075	5845N	13757W	18.6	155.4		GGGG
1579-19504	00000/0000	10021/0195	02/22/74	40	8075	5722N	13851W	19.6	154.4		GGGG
1579-19510	00000/0000	10021/0196	02/22/74	50	8075	5558N	13942W	20.7	153.4		GGGG
1579-19513	00000/0000	10021/0197	02/22/74	40	8075	5434N	14030W	21.8	152.4		GGGG
1579-19515	00000/0000	10021/0198	02/22/74	30	8075	5310N	14115W	22.8	151.5		GGGG
1579-21304	00000/0000	10021/0199	02/22/74	0	8076	6815N	15447W	10.9	164.5		GGGG
1579-21310	00000/0000	10021/0200	02/22/74	0	8076	6656N	15627W	12.0	162.9		GGGG
1579-21313	00000/0000	10021/0201	02/22/74	10	8076	6535N	15756W	13.1	161.4		GGGG
1579-21315	00000/0000	10021/0202	02/22/74	0	8076	6414N	15918W	14.2	160.0		GGGG
1579-21322	00000/0000	10021/0203	02/22/74	10	8076	6252N	16034W	15.3	158.8		GGGG
1579-21324	00000/0000	10021/0204	02/22/74	20	8076	6130N	16143W	16.4	157.6		GGGG
1579-21331	00000/0000	10021/0205	02/22/74	20	8076	6008N	16247W	17.5	156.4		GGGG
1579-21333	00000/0000	10021/0206	02/22/74	30	8076	5845N	16346W	18.6	155.4		GGGG
1579-21340	00000/0000	10021/0207	02/22/74	40	8076	5722N	16441W	19.7	154.3		GGGG
1579-21342	00000/0000	10021/0208	02/22/74	30	8076	5558N	16532W	20.7	153.4		GGGG
1579-21345	00000/0000	10021/0209	02/22/74	30	8076	5435N	16621W	21.8	152.4		GGGG
1579-21351	00000/0000	10021/0210	02/22/74	40	8076	5311N	16707W	22.9	151.5		GGGG
1580-19553	00000/0000	10021/0222	02/23/74	60	8089	6010N	13821W	17.8	156.4		GGGG
1580-19560	00000/0000	10021/0223	02/23/74	70	8089	5847N	13920W	18.9	155.3		GGGG

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FROM 03/01/74 TO 03/31/74

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	LONG	SUN ELEV.	SUN AZIM.	IMAGE QUALITY RBV 123	MSS 45678
1580-19562	00000/0000	10021/0224	02/23/74	40	8089	5724N	14015W	20.0	154.3		GGGG
1580-19565	00000/0000	10021/0225	02/23/74	40	8089	5600N	14106W	21.0	153.3		GGGG
1580-19571	00000/0000	10021/0226	02/23/74	40	8089	5436N	14153W	22.1	152.3		PGGG
1580-19574	00000/0000	10021/0227	02/23/74	30	8089	5312N	14239W	23.2	151.4		GGGG
1580-21362	00000/0000	10021/0228	02/23/74	20	8090	6816N	15605W	11.3	164.5		GGGG
1580-21364	00000/0000	10021/0229	02/23/74	20	8090	6656N	15745W	12.4	162.9		PGGP
1580-21371	00000/0000	10021/0230	02/23/74	20	8090	6536N	15916W	13.5	161.4		GGGG
1580-21373	00000/0000	10021/0231	02/23/74	20	8090	6415N	16040W	14.6	160.0		GGGG
1580-21380	00000/0000	10021/0232	02/23/74	10	8090	6254N	16156W	15.7	158.7		GGGG
1580-21382	00000/0000	10021/0233	02/23/74	20	8090	6132N	16305W	16.8	157.5		GGGG
1580-21385	00000/0000	10021/0234	02/23/74	20	8090	6010N	16409W	17.9	156.4		GPGG
1580-21391	00000/0000	10021/0235	02/23/74	0	8090	5847N	16508W	18.9	155.3		GGGG
1580-21394	00000/0000	10021/0236	02/23/74	0	8090	5723N	16603W	20.0	154.3		GGGP
1580-21400	00000/0000	10021/0237	02/23/74	10	8090	5600N	16654W	21.1	153.3		GGGG
1580-21403	00000/0000	10021/0238	02/23/74	30	8090	5436N	16743W	22.1	152.3		GGGG
1580-21405	00000/0000	10021/0239	02/23/74	30	8090	5312N	16829W	23.2	151.4		GGGG
1581-19594	00000/0000	10021/0071	02/24/74	10	8103	6538N	13457W	13.8	161.4		PPPP
1581-20000	00000/0000	10021/0072	02/24/74	20	8103	6417N	13620W	14.9	160.0		PPPP
1581-20003	00000/0000	10021/0073	02/24/74	60	8103	6256N	13735W	16.0	158.7		PPPP
1581-20005	00000/0000	10021/0074	02/24/74	50	8103	6134N	13844W	17.1	157.5		PPPP
1581-20012	00000/0000	10021/0075	02/24/74	20	8103	6011N	13947W	18.2	156.4		PPPP
1581-20014	00000/0000	10021/0076	02/24/74	50	8103	5848N	14046W	19.3	155.3		PPPP
1581-20021	00000/0000	10021/0077	02/24/74	100	8103	5725N	14141W	20.3	154.3		PPPP
1581-20023	00000/0000	10021/0078	02/24/74	100	8103	5601N	14232W	21.4	153.2		PPPP
1581-20030	00000/0000	10021/0079	02/24/74	60	8103	5437N	14320W	22.5	152.3		PPP
1581-20032	00000/0000	10021/0080	02/24/74	50	8103	5313N	14405W	23.5	151.3		PPP
1581-21420	00000/0000	10021/0240	02/24/74	0	8104	6817N	15732W	11.6	164.6		GGGG
1581-21423	00000/0000	10021/0241	02/24/74	0	8104	6657N	15913W	12.7	162.9		GGGG
1581-21425	00000/0000	10021/0242	02/24/74	0	8104	6537N	16043W	13.8	161.4		GGGG
1581-21432	00000/0000	10021/0243	02/24/74	0	8104	6417N	16205W	14.9	160.0		GGGG
1581-21434	00000/0000	10021/0244	02/24/74	0	8104	6255N	16321W	16.0	158.7		GGGG
1581-21441	00000/0000	10021/0245	02/24/74	30	8104	6133N	16431W	17.1	157.5		GPGG
1581-21443	00000/0000	10021/0246	02/24/74	20	8104	6011N	16536W	18.2	156.4		GPGP
1581-21450	00000/0000	10021/0247	02/24/74	0	8104	5848N	16635W	19.3	155.3		GPGG
1581-21452	00000/0000	10021/0248	02/24/74	10	8104	5725N	16730W	20.4	154.2		GPGG
1581-21455	00000/0000	10021/0249	02/24/74	40	8104	5601N	16821W	21.4	153.2		GGGG
1581-21461	00000/0000	10021/0250	02/24/74	50	8104	5437N	16908W	22.5	152.3		GGGG
1581-21464	00000/0000	10021/0251	02/24/74	60	8104	5313N	16954W	23.5	151.3		GGGG
1581-21470	00000/0000	10021/0252	02/24/74	70	8104	5148N	17037W	24.6	150.4		GGGG

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER. ** = NO CLOUD DATA AVAILABLE.
IMAGE QUALITY ..... BLANKS=BAND NOT PRESENT/REQUESTED. R=RECYCLED. G=GOOD. F=FAIR BUT USABLE. P=POOR.

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	LONG	SUN ELEV.	SUN AZIM.	IMAGE RBV 123	QUALITY MSS 45678
1582-20052	00000/0000	10021/0117	02/25/74	40	8117	6536N	13624W	14.2	161.3		PGPP
1582-20054	00000/0000	10021/0118	02/25/74	10	8117	6415N	13746W	15.3	160.0		GGGG
1582-20061	00000/0000	10021/0119	02/25/74	70	8117	6254N	13901W	16.4	158.7		PPPP
1582-20063	00000/0000	10021/0120	02/25/74	70	8117	6132N	14010W	17.5	157.4		GGGP
1582-20070	00000/0000	10021/0121	02/25/74	90	8117	6009N	14113W	18.6	156.3		GGGP
1582-20072	00000/0000	10021/0122	02/25/74	80	8117	5847N	14213W	19.7	155.2		PPGG
1582-20075	00000/0000	10021/0123	02/25/74	80	8117	5723N	14309W	20.7	154.2		PGGP
1582-20081	00000/0000	10021/0124	02/25/74	90	8117	5559N	14401W	21.8	153.1		PPGP
1582-20084	00000/0000	10021/0125	02/25/74	90	8117	5435N	14449W	22.9	152.2		PPPP
1582-20090	00000/0000	10021/0126	02/25/74	80	8117	5310N	14535W	23.9	151.2		PPPP
1582-21474	00000/0000	10021/0127	02/25/74	0	8118	6818N	15855W	12.0	164.6		PGPG
1582-21481	00000/0000	10021/0128	02/25/74	0	8118	6659N	16036W	13.1	162.9		PGPP
1582-21483	00000/0000	10021/0129	02/25/74	0	8118	6539N	16208W	14.2	161.4		GGPP
1582-21490	00000/0000	10021/0130	02/25/74	0	8118	6419N	16331W	15.3	160.0		PPPP
1582-21492	00000/0000	10021/0131	02/25/74	0	8118	6257N	16448W	16.4	158.7		GPGP
1582-21495	00000/0000	10021/0132	02/25/74	50	8118	6135N	16558W	17.5	157.5		GPPP
1582-21501	00000/0000	10021/0133	02/25/74	50	8118	6013N	16702W	18.6	156.3		PPPP
1582-21504	00000/0000	10021/0134	02/25/74	20	8118	5850N	16801W	19.7	155.2		GGPP
1582-21510	00000/0000	10021/0135	02/25/74	30	8118	5727N	16857W	20.7	154.2		PGGG
1582-21513	00000/0000	10021/0136	02/25/74	30	8118	5603N	16950W	21.8	153.2		PPPP
1582-21515	00000/0000	10021/0137	02/25/74	40	8118	5439N	17039W	22.8	152.2		PPPP
1582-21522	00000/0000	10021/0138	02/25/74	50	8118	5315N	17124W	23.9	151.2		PPPG
1582-21524	00000/0000	10021/0139	02/25/74	60	8118	5149N	17207W	24.9	150.3		PPPP
1583-20104	00000/0000	10021/0340	02/26/74	0	8131	6656N	13621W	13.5	162.9		GPGG
1583-20110	00000/0000	10021/0341	02/26/74	0	8131	6536N	13752W	14.6	161.3		GGGG
1583-20113	00000/0000	10021/0342	02/26/74	40	8131	6415N	13914W	15.7	159.9		GGGG
1583-20115	00000/0000	10021/0343	02/26/74	60	8131	6254N	14030W	16.8	158.6		GGGG
1583-20122	00000/0000	10021/0344	02/26/74	10	8131	6132N	14139W	17.9	157.4		GGGG
1583-20124	00000/0000	10021/0345	02/26/74	10	8131	6009N	14243W	18.9	156.3		GGGG
1583-20131	00000/0000	10021/0346	02/26/74	30	8131	5847N	14341W	20.0	155.2		GGGG
1583-20133	00000/0000	10021/0347	02/26/74	40	8131	5723N	14436W	21.1	154.1		GGGG
1583-20140	00000/0000	10021/0348	02/26/74	60	8131	5559N	14527W	22.2	153.1		GGGG
1583-20142	00000/0000	10021/0349	02/26/74	100	8131	5435N	14615W	23.2	152.1		GGGG
1583-20145	00000/0000	10021/0350	02/26/74	70	8131	5311N	14659W	24.3	151.1		GGGG
1583-21521	00000/0000	10021/0351	02/26/74	0	8132	7206N	15412W	9.1	170.7		GGGG
1583-21524	00000/0000	10021/0352	02/26/74	0	8132	7051N	15632W	10.2	168.4		GGGG
1583-21530	00000/0000	10021/0353	02/26/74	0	8132	6933N	15838W	11.3	166.3		GGGG
1583-21533	00000/0000	10021/0354	02/26/74	0	8132	6815N	16029W	12.4	164.5		GGGG
1583-21535	00000/0000	10021/0355	02/26/74	30	8132	6656N	16209W	13.5	162.9		GGGG

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER. ** = NO CLOUD DATA AVAILABLE.
IMAGE QUALITY ..... BLANKS=BAND NOT PRESENT/REQUESTED. R=RECYCLED. G=GOOD. F=FAIR BUT USABLE. P=POOR.

FROM 03/01/74 TO 03/31/74

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	LONG	SUN ELEV.	SUN AZIM.	IMAGE QUALITY RBV 123	MSS 45678
1583-21542	00000/0000	10021/0356	02/26/74	70	8132	6536N	16340W	14.6	161.3		GGGG
1583-21544	00000/0000	10021/0357	02/26/74	20	8132	6415N	16502W	15.7	159.9		PGGG
1583-21551	00000/0000	10021/0358	02/26/74	20	8132	6253N	16617W	16.8	158.6		GGGG
1583-21553	00000/0000	10021/0359	02/26/74	0	8132	6131N	16727W	17.9	157.4		GGGG
1583-21560	00000/0000	10021/0360	02/26/74	10	8132	6008N	16832W	19.0	156.3		GGG
1583-21562	00000/0000	10021/0361	02/26/74	30	8132	5846N	16931W	20.1	155.2		GGGG
1583-21565	00000/0000	10021/0362	02/26/74	20	8132	5723N	17026W	21.1	154.1		GGGG
1583-21571	00000/0000	10021/0363	02/26/74	20	8132	5559N	17118W	22.2	153.1		GGGG
1583-21574	00000/0000	10021/0364	02/26/74	80	8132	5435N	17206W	23.3	152.1		GGGG
1583-21580	00000/0000	10021/0365	02/26/74	70	8132	5311N	17252W	24.3	151.1		GGGG
1583-21583	00000/0000	10021/0366	02/26/74	90	8132	5147N	17334W	25.3	150.2		GGGG
1584-20162	00000/0000	10021/0431	02/27/74	40	8145	6657N	13746W	13.9	162.9		GGGG
1584-20165	00000/0000	10021/0432	02/27/74	20	8145	6536N	13915W	15.0	161.3		GGGG
1584-20171	00000/0000	10021/0433	02/27/74	10	8145	6415N	14037W	16.1	159.9		GGGP
1584-20174	00000/0000	10021/0434	02/27/74	10	8145	6253N	14152W	17.1	158.6		GGGG
1584-20180	00000/0000	10021/0435	02/27/74	10	8145	6131N	14301W	18.2	157.4		GGGG
1584-20183	00000/0000	10021/0436	02/27/74	50	8145	6009N	14405W	19.3	156.2		GGGG
1584-20185	00000/0000	10021/0437	02/27/74	80	8145	5846N	14505W	20.4	155.1		GGGG
1584-20192	00000/0000	10021/0438	02/27/74	90	8145	5723N	14600W	21.5	154.1		GGGG
1584-20194	00000/0000	10021/0439	02/27/74	90	8145	5559N	14652W	22.5	153.0		GGGG
1584-20201	00000/0000	10021/0440	02/27/74	80	8145	5436N	14740W	23.6	152.0		GGGG
1584-20203	00000/0000	10021/0441	02/27/74	100	8145	5312N	14826W	24.6	151.0		GGGG
1584-21580	00000/0000	10021/0430	02/27/74	70	8146	7206N	15535W	9.5	170.7		G GG
1584-21582	00000/0000	10021/0442	02/27/74	90	8146	7051N	15755W	10.6	168.4		GGGG
1584-21585	00000/0000	10021/0443	02/27/74	100	8146	6933N	16000W	11.7	166.4		GGGG
1584-21591	00000/0000	10021/0444	02/27/74	70	8146	6815N	16151W	12.8	164.5		GGGG
1584-21594	00000/0000	10021/0445	02/27/74	60	8146	6656N	16331W	13.9	162.9		GGGG
1584-22000	00000/0000	10021/0446	02/27/74	50	8146	6536N	16502W	15.0	161.3		GGGG
1584-22003	00000/0000	10021/0447	02/27/74	40	8146	6415N	16624W	16.1	159.9		GGGG
1584-22005	00000/0000	10021/0448	02/27/74	20	8146	6253N	16740W	17.2	158.6		GGGG
1584-22012	00000/0000	10021/0449	02/27/74	10	8146	6131N	16849W	18.3	157.4		GGGG
1584-22014	00000/0000	10021/0450	02/27/74	40	8146	6008N	16953W	19.4	156.2		GGGG
1584-22021	00000/0000	10021/0451	02/27/74	10	8146	5846N	17052W	20.4	155.1		GGGG
1584-22023	00000/0000	10021/0452	02/27/74	80	8146	5722N	17148W	21.5	154.0		GGGG
1584-22030	00000/0000	10021/0453	02/27/74	90	8146	5559N	17240W	22.6	153.0		GGGG
1584-22032	00000/0000	10021/0454	02/27/74	100	8146	5435N	17330W	23.6	152.0		GGGG
1584-22035	00000/0000	10021/0455	02/27/74	100	8146	5311N	17416W	24.7	151.0		GGGG
1584-22041	00000/0000	10021/0456	02/27/74	90	8146	5147N	17459W	25.7	150.1		GGGG
1585-20214	00000/0000	10021/0554	02/28/74	30	8159	6816N	13730W	13.1	164.5		GGGG

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FROM 03/01/74 TO 03/31/74

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	LONG	SUN ELEV.	SUN AZIM.	IMAGE QUALITY RBV 123	MSS 45678
1585-20220	00000/0000	10021/0555	02/28/74	30	8159	6657N	13911W	14.2	162.9		GGGG
1585-20223	00000/0000	10021/0556	02/28/74	70	8159	6536N	14041W	15.3	161.3		GGGG
1585-20225	00000/0000	10021/0557	02/28/74	80	8159	6416N	14204W	16.4	159.9		GGGG
1585-20232	00000/0000	10021/0558	02/28/74	70	8159	6254N	14319W	17.5	158.6		GGGG
1585-20234	00000/0000	10021/0553	02/28/74	30	8159	6132N	14429W	18.6	157.4		G GG
1585-20241	00000/0000	10021/0559	02/28/74	50	8159	6009N	14533W	19.7	156.2		GGGG
1585-20243	00000/0000	10021/0560	02/28/74	90	8159	5846N	14632W	20.8	155.1		GGGG
1585-20250	00000/0000	10021/0561	02/28/74	100	8159	5723N	14727W	21.8	154.0		GGGG
1585-20252	00000/0000	10021/0562	02/28/74	100	8159	5559N	14818W	22.9	153.0		GGGG
1585-20255	00000/0000	10021/0563	02/28/74	100	8159	5436N	14906W	24.0	152.0		GGGG
1585-20261	00000/0000	10021/0564	02/28/74	100	8159	5311N	14951W	25.0	151.0		GGGG
1585-22034	00000/0000	10021/0458	02/28/74	80	8160	7207N	15701W	9.8	170.7		GPGG
1585-22040	00000/0000	10021/0459	02/28/74	30	8160	7051N	15923W	10.9	168.4		GGGP
1585-22043	00000/0000	10021/0460	02/28/74	30	8160	6934N	16128W	12.1	166.4		GGGG
1585-22045	00000/0000	10021/0461	02/28/74	20	8160	6815N	16320W	13.2	164.5		GGGG
1585-22052	00000/0000	10021/0462	02/28/74	70	8160	6656N	16500W	14.3	162.9		GGGG
1585-22054	00000/0000	10021/0463	02/28/74	40	8160	6536N	16630W	15.4	161.3		GGGG
1585-22061	00000/0000	10021/0464	02/28/74	90	8160	6415N	16753W	16.5	159.9		GGGG
1585-22063	00000/0000	10021/0465	02/28/74	100	8160	6253N	16908W	17.6	158.6		GGGG
1585-22070	00000/0000	10021/0466	02/28/74	100	8160	6132N	17017W	18.6	157.4		GGGG
1585-22072	00000/0000	10021/0467	02/28/74	100	8160	6009N	17121W	19.7	156.2		GGGG
1585-22075	00000/0000	10021/0468	02/28/74	100	8160	5846N	17220W	20.8	155.1		GGGG
1585-22081	00000/0000	10021/0469	02/28/74	100	8160	5723N	17315W	21.9	154.0		GGGG
1585-22084	00000/0000	10021/0470	02/28/74	100	8160	5559N	17407W	22.9	153.0		GGGG
1585-22090	00000/0000	10021/0471	02/28/74	100	8160	5435N	17455W	24.0	151.9		GGPG
1585-22093	00000/0000	10021/0472	02/28/74	70	8160	5311N	17541W	25.0	151.0		GGGG
1585-22095	00000/0000	10021/0473	02/28/74	90	8160	5147N	17624W	26.1	150.0		GGGG
1586-20272	00000/0000	10021/0590	03/01/74	10	8173	6816N	13856W	13.5	164.5		GGGG
1586-20275	00000/0000	10021/0591	03/01/74	0	8173	6657N	14037W	14.6	162.9		GGGG
1586-20281	00000/0000	10021/0592	03/01/74	0	8173	6537N	14208W	15.7	161.3		GGGG
1586-20284	00000/0000	10021/0593	03/01/74	0	8173	6416N	14331W	16.8	159.9		GGGG
1586-20290	00000/0000	10021/0594	03/01/74	0	8173	6254N	14447W	17.9	158.6		GGGG
1586-20293	00000/0000	10021/0595	03/01/74	0	8173	6132N	14556W	19.0	157.3		GGGG
1586-20295	00000/0000	10021/0596	03/01/74	10	8173	6010N	14659W	20.1	156.2		GPGG
1586-20302	00000/0000	10021/0597	03/01/74	20	8173	5847N	14758W	21.1	155.0		GPGG
1586-20304	00000/0000	10021/0598	03/01/74	30	8173	5723N	14853W	22.2	154.0		GPGG
1586-20311	00000/0000	10021/0599	03/01/74	20	8173	5600N	14944W	23.3	152.9		GPGP
1586-20313	00000/0000	10021/0600	03/01/74	70	8173	5436N	15033W	24.3	151.9		GGGP
1586-20320	00000/0000	10021/0601	03/01/74	90	8173	5312N	15117W	25.4	150.9		GPGG

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FROM 03/01/74 TO 03/31/74

OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV	MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	LONG	SUN ELEV.	SUN AZIM.	IMAGE QUALITY RBV 123	MSS 45678
1587-20324	00000/0000	10021/0474	03/02/74	10	8187	6934N	13832W	12.8	166.4		GPPG
1587-20330	00000/0000	10021/0475	03/02/74	0	8187	6816N	14023W	13.9	164.6		GGGG
1587-20333	00000/0000	10021/0476	03/02/74	0	8187	6657N	14203W	15.0	162.9		GGGG
1587-20335	00000/0000	10021/0477	03/02/74	0	8187	6537N	14334W	16.1	161.3		GGGG
1587-20342	00000/0000	10021/0478	03/02/74	30	8187	6416N	14457W	17.2	159.9		GGGG
1587-20344	00000/0000	10021/0479	03/02/74	60	8187	6254N	14611W	18.3	158.6		GGGG
1587-20351	00000/0000	10021/0480	03/02/74	90	8187	6132N	14720W	19.4	157.3		GGGG
1587-20353	00000/0000	10021/0481	03/02/74	100	8187	6010N	14824W	20.5	156.1		GGGG
1587-20360	00000/0000	10021/0482	03/02/74	100	8187	5847N	14923W	21.5	155.0		GGGG
1587-20362	00000/0000	10021/0483	03/02/74	100	8187	5723N	15018W	22.6	153.9		GGGG
1587-20365	00000/0000	10021/0484	03/02/74	100	8187	5600N	15110W	23.7	152.8		GGGG
1587-20371	00000/0000	10021/0485	03/02/74	100	8187	5436N	15158W	24.7	151.8		GGGG
1587-20374	00000/0000	10021/0486	03/02/74	90	8187	5312N	15244W	25.8	150.8		GGGG
1587-22153	00000/0000	10021/0487	03/02/74	0	8188	7052N	16216W	11.7	168.5		GGGG
1587-22160	00000/0000	10021/0488	03/02/74	0	8188	6935N	16421W	12.8	166.4		GGGG
1587-22162	00000/0000	10021/0489	03/02/74	0	8188	6816N	16614W	13.9	164.5		GGGG
1587-22165	00000/0000	10021/0490	03/02/74	10	8188	6657N	16754W	15.0	162.9		GGGG
1587-22171	00000/0000	10021/0491	03/02/74	50	8188	6537N	16925W	16.1	161.3		GGGG
1587-22174	00000/0000	10021/0492	03/02/74	100	8188	6416N	17048W	17.2	159.9		GGGG
1587-22180	00000/0000	10021/0493	03/02/74	100	8188	6254N	17203W	18.3	158.6		GGGG
1587-22183	00000/0000	10021/0494	03/02/74	90	8188	6132N	17312W	19.4	157.3		GGGG
1587-22185	00000/0000	10021/0495	03/02/74	90	8188	6010N	17415W	20.5	156.1		GGGP
1587-22192	00000/0000	10021/0496	03/02/74	90	8188	5847N	17513W	21.6	155.0		GGGG
1587-22194	00000/0000	10021/0497	03/02/74	90	8188	5724N	17607W	22.6	153.9		GGGG
1587-22201	00000/0000	10021/0498	03/02/74	70	8188	5600N	17659W	23.7	152.8		PGGG
1587-22203	00000/0000	10021/0499	03/02/74	50	8188	5435N	17747W	24.7	151.8		PGGG
1587-22210	00000/0000	10021/0500	03/02/74	50	8188	5311N	17833W	25.8	150.8		PPGG
1587-22212	00000/0000	10021/0501	03/02/74	50	8188	5147N	17917W	26.8	149.8		PGGG
1588-20382	00000/0000	10021/0565	03/03/74	0	8201	6935N	13956W	13.2	166.4		PGGG
1588-20385	00000/0000	10021/0566	03/03/74	40	8201	6816N	14148W	14.3	164.6		GGGG
1588-20391	00000/0000	10021/0567	03/03/74	80	8201	6657N	14327W	15.4	162.9		GGGG
1588-20394	00000/0000	10021/0568	03/03/74	80	8201	6537N	14458W	16.5	161.3		GGPG
1588-20400	00000/0000	10021/0569	03/03/74	80	8201	6416N	14620W	17.6	159.9		GGPG
1588-20403	00000/0000	10021/0570	03/03/74	80	8201	6254N	14735W	18.7	158.5		GGGG
1588-20405	00000/0000	10021/0571	03/03/74	60	8201	6132N	14845W	19.8	157.3		GGGG
1588-20412	00000/0000	10021/0572	03/03/74	50	8201	6010N	14949W	20.8	156.1		GGGG
1588-20414	00000/0000	10021/0573	03/03/74	50	8201	5847N	15049W	21.9	155.0		GGGG
1588-20421	00000/0000	10021/0574	03/03/74	60	8201	5724N	15144W	23.0	153.9		GGGG
1588-20423	00000/0000	10021/0575	03/03/74	90	8201	5600N	15236W	24.0	152.8		PGGG

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FROM 03/01/74 TO 03/31/74

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	LONG	SUN ELEV.	SUN AZIM.	IMAGE QUALITY RBV 123	MSS 45678
1588-22214	00000/0000	10021/0576	03/03/74	20	8202	6934N	16545W	13.2	166.4		PGGG
1588-22220	00000/0000	10021/0577	03/03/74	20	8202	6816N	16736W	14.3	164.6		GGGP
1588-22223	00000/0000	10021/0578	03/03/74	20	8202	6657N	16917W	15.4	162.9		GGGP
1588-22225	00000/0000	10021/0579	03/03/74	40	8202	6537N	17048W	16.5	161.3		GGGG
1588-22232	00000/0000	10021/0580	03/03/74	20	8202	6416N	17210W	17.6	159.9		GPGG
1588-22234	00000/0000	10021/0581	03/03/74	0	8202	6254N	17326W	18.7	158.5		PGGG
1588-22241	00000/0000	10021/0582	03/03/74	0	8202	6132N	17435W	19.8	157.3		GPGG
1588-22243	00000/0000	10021/0583	03/03/74	30	8202	6009N	17538W	20.9	156.1		PGGG
1588-22250	00000/0000	10021/0584	03/03/74	60	8202	5846N	17637W	21.9	154.9		GGGG
1588-22252	00000/0000	10021/0585	03/03/74	70	8202	5723N	17732W	23.0	153.8		GGGG
1588-22255	00000/0000	10021/0586	03/03/74	90	8202	5559N	17824W	24.1	152.8		GGGG
1588-22261	00000/0000	10021/0587	03/03/74	60	8202	5436N	17912W	25.1	151.7		GGGG
1588-22264	00000/0000	10021/0588	03/03/74	80	8202	5311N	17958W	26.2	150.7		GGGG
1588-22270	00000/0000	10021/0589	03/03/74	90	8202	5147N	17918E	27.2	149.7		PGGG

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER. ** = NO CLOUD DATA AVAILABLE.
IMAGE QUALITY ..... BLANKS=BAND NOT PRESENT/REQUESTED. R=RECYCLED. G=GOOD. F=FAIR BUT USABLE. P=POOR.

COORDINATE LISTING
STANDARD CATALOG FOR CUS
FROM 03/01/74 TO 03/31/74

PRINCIPAL PT. OF IMAGE LONG	LAT	OBSERVATION ID	CC %	QUALITY RBV MSS 12345678
06501W	4733N	1578-14380	0	GGGG
06536W	4608N	1578-14383	0	GGGG
06610W	4443N	1578-14385	10	PGGG
06629W	4730N	1579-14435	90	GGPG
06643W	4317N	1578-14392	20	GGGG
06705W	4605N	1579-14441	100	GGPG
06738W	4440N	1579-14444	100	GGGG
06811W	4315N	1579-14450	80	GGGG
06842W	4149N	1579-14453	100	GGPG
06903W	4442N	1580-14502	100	GPGG
06912W	4024N	1579-14455	100	GGGG
06917W	4733N	1581-14551	30	GPGG
06935W	4317N	1580-14504	70	GGGG
06953W	4608N	1581-14554	10	GPGG
07006W	4151N	1580-14511	70	GGGG
07027W	4443N	1581-14560	0	GGGG
07037W	4026N	1580-14513	90	GGGG
07045W	4731N	1582-15010	0	GGGG
07106W	3900N	1580-14520	90	GGGG
07120W	4606N	1582-15012	50	GGGG
07131W	4152N	1581-14565	0	GGGG
07134W	3734N	1580-14522	90	GGGG
07154W	4441N	1582-15015	80	PGGP
07201W	4027N	1581-14572	0	GGGP
07202W	3608N	1580-14525	90	GPGG
07227W	4315N	1582-15021	80	GGGP
07231W	3901N	1581-14574	60	GPGG
07259W	4150N	1582-15024	90	GPGP
07259W	3735N	1581-14581	70	G GG
07327W	3610N	1581-14583	70	P GG
07329W	4024N	1582-15030	90	GGGP
07354W	3444N	1581-14590	70	PGGG
07358W	3859N	1582-15033	80	G GG
07420W	3318N	1581-14592	90	GGGG
07427W	3733N	1582-15035	70	GGGG
07446W	3152N	1581-14595	80	GPGG
07454W	3607N	1582-15042	50	GGGG
07521W	3441N	1582-15044	30	GGGG

PRINCIPAL PT. OF IMAGE LONG	LAT	OBSERVATION ID	CC %	QUALITY RBV MSS 12345678
07547W	3315N	1582-15051	40	GGGG
07613W	3149N	1582-15053	60	GPGG
07639W	3023N	1582-15060	40	GGGG
07704W	2857N	1582-15062	50	GGGG
07717W	4854N	1587-15291	100	G GG
07728W	2731N	1582-15065	50	GGGG
07755W	4729N	1587-15293	100	P GG
07831W	4604N	1587-15300	100	P GG
07846W	4854N	1588-15345	100	P GG
07905W	4439N	1587-15302	100	G GG
07938W	4314N	1587-15305	100	P GG
08010W	4148N	1587-15311	100	GPGG
08041W	4022N	1587-15314	100	GPGG
08106W	4314N	1588-15363	100	P PP
08110W	3857N	1587-15320	100	GPGG
08137W	4149N	1588-15370	100	G GG
08138W	3731N	1587-15323	100	G GG
08205W	3605N	1587-15325	100	P GG
08207W	4023N	1588-15372	100	P GG
08232W	3440N	1587-15332	70	P GG
08232W	2440N	1585-15245	10	PGP
08236W	3857N	1588-15375	100	G GG
08258W	3314N	1587-15334	60	G GG
08305W	3732N	1588-15381	70	G GG
08324W	3148N	1587-15341	70	G GG
08332W	3606N	1588-15384	80	GPGG
08349W	3022N	1587-15343	100	P GG
08359W	3440N	1588-15390	80	PPGG
08413W	2855N	1587-15350	80	P GG
08425W	3314N	1588-15393	100	PPGP
08438W	2729N	1587-15352	50	G GP
08451W	3148N	1588-15395	100	PPGG
08501W	2603N	1587-15355	60	PPGG
08516W	3022N	1588-15402	20	GGGG
08525W	2436N	1587-15361	80	GGGG
08541W	2856N	1588-15404	10	PGGG
08604W	2730N	1588-15411	10	GGGG
08628W	2603N	1588-15413	60	PGGG

PRINCIPAL PT. OF IMAGE LONG	LAT	OBSERVATION ID	CC %	QUALITY RBV MSS 12345678
08651W	2438N	1588-15420	60	PG G
08943W	2438N	1572-15534	60	GGGG
09016W	4854N	1578-16205	70	GPGG
09053W	4729N	1578-16212	90	G GG
09128W	4604N	1578-16214	100	G GG
09139W	4856N	1579-16264	20	GGGG
09202W	4439N	1578-16221	100	GPGG
09216W	4731N	1579-16270	0	GGGG
09234W	4314N	1578-16223	100	P GG
09251W	4606N	1579-16273	0	GGGG
09305W	4858N	1580-16322	0	GGGG
09305W	4148N	1578-16230	100	GGGG
09324W	4441N	1579-16275	0	GGGG
09335W	4023N	1578-16232	100	PGGG
09342W	4733N	1580-16325	0	GGGG
09357W	4315N	1579-16282	0	PGGG
09404W	3857N	1578-16235	90	GGGG
09418W	4607N	1580-16331	0	GGGG
09429W	4150N	1579-16284	0	GGGG
09432W	4856N	1581-16380	0	PPGG
09432W	3731N	1578-16241	80	GGGG
09452W	4442N	1580-16334	50	GGGG
09500W	4024N	1579-16291	0	GGGG
09500W	3605N	1578-16244	80	GGGG
09508W	4731N	1581-16383	0	PGGG
09524W	4317N	1580-16340	60	GPGG
09527W	3439N	1578-16250	80	GG
09529W	3858N	1579-16293	0	GGGG
09544W	4605N	1581-16385	0	PGGG
09553W	3313N	1578-16253	90	PGGG
09555W	4152N	1580-16343	100	GPGG
09558W	4857N	1582-16435	30	GGGG
09558W	3732N	1579-16300	30	GGPG
09617W	4440N	1581-16392	0	PGGG
09619W	3147N	1578-16255	70	GGG
09625W	4026N	1580-16345	100	PGG
09625W	3606N	1579-16302	10	GGPP
09635W	4732N	1582-16441	50	G GP

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER. ** = NO CLOUD DATA AVAILABLE.
IMAGE QUALITY ..... BLANKS=BAND NOT PRESENT/REQUESTED. R=RECYCLED. G=GOOD. F=FAIR BUT USABLE. P=POOR.

COORDINATE LISTING
STANDARD CATALOG FOR CUS
FROM 03/01/74 TO 03/31/74

PRINCIPAL PT. OF IMAGE LONG	LAT	OBSERVATION ID	CC %	QUALITY RBV MSS 12345678
09644W	3021N	1578-16262	30	GGG
09649W	4315N	1581-16394	0	GPPG
09653W	3440N	1579-16305	0	GGGG
09655W	3900N	1580-16352	40	GGG
09708W	2854N	1578-16264	10	GPG
09710W	4607N	1582-16444	40	GGGG
09719W	3314N	1579-16311	0	GGGG
09720W	4150N	1581-16401	0	GGGG
09722W	4857N	1583-16493	40	GGGG
09723W	3734N	1580-16354	10	GGG
09732W	2728N	1578-16271	10	P
09744W	4442N	1582-16450	30	GGGG
09744W	3148N	1579-16314	0	GGGG
09751W	4024N	1581-16403	0	GGGG
09751W	3608N	1580-16361	0	GGG
09756W	2602N	1578-16273	10	PPG
09800W	4732N	1583-16500	60	GGGG
09809W	3021N	1579-16320	0	GGGG
09816W	4316N	1582-16453	30	GGGG
09818W	3442N	1580-16363	0	GGG
09821W	3858N	1581-16410	0	GGGG
09833W	2855N	1579-16323	0	GGGG
09835W	4607N	1583-16502	40	GGGG
09844W	3316N	1580-16370	0	GGP
09848W	4150N	1582-16455	0	GGGG
09849W	3732N	1581-16412	0	GGGG
09850W	4858N	1584-16551	100	GPGG
09857W	2729N	1579-16325	0	PGPG
09909W	4442N	1583-16505	20	GGGG
09910W	3150N	1580-16372	50	GPP
09917W	3606N	1581-16415	0	GGGG
09918W	4025N	1582-16462	0	GGGG
09920W	2604N	1579-16332	0	PGGG
09927W	4733N	1584-16554	100	GGGG
09935W	3024N	1580-16375	50	GPP
09941W	4317N	1583-16511	30	GGGG
09944W	3440N	1581-16421	0	GGPG
09947W	3859N	1582-16464	0	GGGG

PRINCIPAL PT. OF IMAGE LONG	LAT	OBSERVATION ID	CC %	QUALITY RBV MSS 12345678
10000W	2858N	1580-16381	20	GPG
10002W	4608N	1584-16560	80	GPGG
10009W	3314N	1581-16424	0	GGGG
10011W	4151N	1583-16514	60	GGGG
10016W	3734N	1582-16471	0	GGGG
10024W	2731N	1580-16384	50	PGG
10035W	3147N	1581-16430	0	GGGG
10036W	4442N	1584-16563	90	GPGG
10041W	4026N	1583-16520	50	GGGG
10043W	3607N	1582-16473	0	GPGG
10100W	3021N	1581-16433	0	GGGG
10108W	4317N	1584-16565	50	GGGG
10110W	3441N	1582-16480	0	G GG
10111W	3900N	1583-16523	10	GGGG
10124W	2855N	1581-16435	0	GGGG
10137W	3315N	1582-16482	0	GPGG
10139W	4151N	1584-16572	90	GPGG
10140W	3734N	1583-16525	10	GGGG
10148W	2729N	1581-16442	0	GGGG
10203W	3148N	1582-16485	0	GPGG
10208W	3608N	1583-16532	0	GGGG
10210W	4026N	1584-16574	90	GPGG
10228W	3022N	1582-16491	0	GPGG
10234W	3442N	1583-16534	0	GPGG
10239W	3900N	1584-16581	100	GPGG
10252W	2856N	1582-16494	0	GPGG
10300W	3316N	1583-16541	10	GPGG
10306W	4856N	1569-17124	80	P PP
10308W	3734N	1584-16583	100	G GG
10316W	2730N	1582-16500	0	GPGG
10326W	3150N	1583-16543	60	GGGG
10336W	3608N	1584-16590	90	G GG
10343W	4731N	1569-17130	20	PPPP
10351W	3024N	1583-16550	60	GGGG
10403W	3441N	1584-16592	20	G GG
10415W	2857N	1583-16552	70	GGGG
10419W	4605N	1569-17133	20	PP
10429W	3315N	1584-16595	10	GPGG

PRINCIPAL PT. OF IMAGE LONG	LAT	OBSERVATION ID	CC %	QUALITY RBV MSS 12345678
10435W	4853N	1570-17182	100	G GG
10436W	4855N	1588-17181	10	PPGG
10439W	2731N	1583-16555	80	GGGG
10453W	4440N	1569-17135	30	PP
10455W	3149N	1584-17001	0	GGGG
10512W	4728N	1570-17185	90	GPGG
10513W	4730N	1588-17183	70	GPGG
10520W	3023N	1584-17004	0	GGGG
10526W	4315N	1569-17142	40	PP
10544W	2857N	1584-17010	0	GGGG
10547W	4603N	1570-17191	50	GGGG
10549W	4605N	1588-17190	80	G GG
10557W	4149N	1569-17144	0	PP P
10602W	4855N	1589-17235	80	GGGG
10620W	4438N	1570-17194	50	GGGG
10623W	4439N	1588-17192	80	GPGG
10627W	4024N	1569-17151	0	PP P
10638W	4730N	1589-17241	20	GGGG
10653W	4312N	1570-17200	60	GGGG
10655W	4314N	1588-17195	10	GPGG
10656W	3858N	1569-17153	0	PP P
10713W	4605N	1589-17244	10	GGGG
10724W	3732N	1569-17160	0	PP
10725W	4147N	1570-17203	60	PGGG
10726W	4149N	1588-17201	70	GPGG
10747W	4440N	1589-17250	10	GGGG
10752W	3607N	1569-17162	50	PPPP
10755W	4021N	1570-17205	60	PGGG
10756W	4023N	1588-17204	70	PPGG
10820W	4315N	1589-17253	0	GGPG
10820W	3440N	1569-17165	40	PPP
10824W	3855N	1570-17212	90	PPGG
10825W	3858N	1588-17210	70	PGGG
10846W	3314N	1569-17171	70	PPPP
10851W	4150N	1589-17255	0	GGGG
10852W	3729N	1570-17214	100	PPGG
10854W	3732N	1588-17213	40	PGGG
10911W	3149N	1569-17174	90	PP P

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER. ** = NO CLOUD DATA AVAILABLE.
IMAGE QUALITY ..... BLANKS=BAND NOT PRESENT/REQUESTED. R=RECYCLED. G=GOOD. F=FAIR BUT USABLE. P=POOR.

COORDINATE LISTING
STANDARD CATALOG FOR CWS
FROM 03/01/74 TO 03/31/74

PRINCIPAL PT. OF IMAGE LONG	LAT	OBSERVATION ID	CC %	QUALITY RBV MSS 12345678
10919W	3604N	1570-17221	100	PPGG
10921W	4024N	1589-17262	20	GGGG
10922W	3606N	1588-17215	20	G GG
10945W	3438N	1570-17223	70	GPPG
10949W	3440N	1588-17222	40	G GG
10951W	3858N	1589-17264	20	GGGG
11011W	3312N	1570-17230	20	GGGG
11014W	3314N	1588-17224	20	G GG
11019W	4857N	1574-17412	60	GGGG
11020W	3732N	1589-17271	0	GGGG
11036W	3146N	1570-17232	30	GPGG
11039W	3148N	1588-17231	30	GGGG
11047W	3606N	1589-17273	10	GGGG
11056W	4732N	1574-17414	40	GGGG
11114W	3441N	1589-17280	10	GGGG
11131W	4607N	1574-17421	70	GGGG
11140W	3314N	1589-17282	0	GGGG
11205W	4441N	1574-17423	50	GGGG
11206W	3148N	1589-17285	0	GGGG
11237W	4315N	1574-17430	80	GGGG
11308W	4150N	1574-17432	80	GGGG
11338W	4024N	1574-17435	70	GPGG
11408W	3858N	1574-17441	70	PPGG
11436W	3732N	1574-17444	60	GPGG
11504W	3607N	1574-17450	30	GPGG
11531W	3441N	1574-17453	20	PPGG
11557W	3314N	1574-17455	30	PGPP
11604W	4855N	1578-15041	90	P GG
11622W	3148N	1574-17462	80	GGGP

PRINCIPAL PT. OF IMAGE LONG	LAT	OBSERVATION ID	CC %	QUALITY RBV MSS 12345678
11640W	4730N	1578-18044	90	PPGG
11715W	4605N	1578-18050	90	GPPG
11728W	4856N	1579-18095	100	GPGP
11749W	4440N	1578-18053	90	PPGG
11806W	4731N	1579-18102	70	GPGG
11822W	4314N	1578-18055	60	PGGP
11841W	4606N	1579-18104	60	GPGG
11852W	4859N	1580-18154	30	GGGG
11854W	4149N	1578-18062	20	PGGG
11915W	4441N	1579-18111	80	PGGG
11924W	4023N	1578-18064	20	PGGG
11930W	4734N	1580-18160	20	GPGG
11947W	4315N	1579-18113	70	GGGG
11954W	3857N	1578-18071	60	PPPG
12006W	4608N	1580-18163	80	PPPG
12018W	4150N	1579-18120	80	PPGG
12020W	4856N	1581-18212	60	GGGG
12022W	3732N	1578-18073	70	GGGG
12040W	4443N	1580-18165	70	GPGG
12049W	4024N	1579-18122	80	GPGG
12050W	3605N	1578-18080	20	GPG
12057W	4731N	1581-18215	70	GGGG
12113W	4317N	1580-18172	30	GPGG
12117W	3439N	1578-18082	50	GGPP
12118W	3859N	1579-18125	40	GPGG
12133W	4606N	1581-18221	70	PGGG
12143W	3313N	1578-18085	90	P PP
12144W	4152N	1580-18174	10	GPGG
12146W	4857N	1582-18270	80	GPGG

PRINCIPAL PT. OF IMAGE LONG	LAT	OBSERVATION ID	CC %	QUALITY RBV MSS 12345678
12147W	3732N	1579-18131	30	GGGP
12207W	4441N	1581-18224	20	GGGG
12214W	4026N	1580-18181	0	PGGG
12214W	3606N	1579-18134	30	GGGP
12224W	4733N	1582-18273	50	GGGG
12240W	4315N	1581-18230	10	GGGG
12241W	3441N	1579-18140	20	GPGP
12244W	3900N	1580-18183	0	GGGG
12300W	4608N	1582-18275	70	PPGG
12311W	4149N	1581-18233	10	GGGG
12312W	4857N	1583-18325	90	GGGG
12312W	3735N	1580-18190	10	GGGG
12334W	4442N	1582-18282	70	PPPG
12340W	3609N	1580-18192	10	GPGG
12341W	4024N	1581-18235	10	GGGG
12350W	4732N	1583-18331	90	GGGG
12406W	4316N	1582-18284	70	GPGG
12410W	3858N	1581-18242	10	GGGG
12425W	4608N	1583-18334	90	GGGG
12437W	4857N	1584-18383	80	GGGP
12437W	4150N	1582-18291	70	PPGP
12438W	3733N	1581-18244	10	GGGG
12500W	4443N	1583-18340	90	GGGG
12508W	4025N	1582-18293	70	PPGG
12514W	4733N	1584-18385	80	GPGP
12533W	4316N	1583-18343	50	GGGG
12549W	4607N	1584-18392	100	GPGP
12603W	4151N	1583-18345	50	GGGG
12623W	4442N	1584-18394	100	GPPP

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IMAGE QUALITY ..... BLANKS=BAND NOT PRESENT/REQUESTED. R=RECYCLED. G=GOOD. F=FAIR BUT USABLE. P=POOR.

COORDINATE LISTING
STANDARD CATALOG FOR ALASKA
FROM 03/01/74 TO 03/31/74

PRINCIPAL PT. OF IMAGE LONG	LAT	OBSERVATION ID	CC %	QUALITY RBV MSS 12345678	PRINCIPAL PT. OF IMAGE LONG	LAT	OBSERVATION ID	CC %	QUALITY RBV MSS 12345678	PRINCIPAL PT. OF IMAGE LONG	LAT	OBSERVATION ID	CC %	QUALITY RBV MSS 12345678
17919E	5145N	1570-22272	70	PGGG	13757W	5845N	1579-19501	20	GGGG	14213W	5847N	1582-20072	80	PPGG
17918E	5147N	1588-22270	90	PGGG	13815W	5558N	1578-19452	70	PPPP	14232W	5601N	1581-20023	100	PPPP
17206E	5142N	1575-22560	60	GGGG	13821W	6010N	1580-19553	60	GGGG	14239W	5312N	1580-19574	30	GGGG
12734W	5431N	1570-19000	100	GGGG	13823W	5311N	1577-19403	100	PPPP	14243W	6009N	1583-20124	10	GGGG
12845W	5722N	1572-19104	80	GGGG	13832W	6934N	1587-20324	10	GPPG	14301W	6131N	1584-20180	10	GGGG
12937W	5558N	1572-19110	100	GGGG	13844W	6134N	1581-20005	50	PPPP	14309W	5723N	1582-20075	80	PGGP
13025W	5435N	1572-19113	90	PGGG	13851W	5722N	1579-19504	40	GGGG	14319W	6254N	1585-20232	70	GGGG
13135W	6130N	1576-19321	60	GGGG	13856W	6816N	1586-20272	10	GGGG	14320W	5437N	1581-20030	60	PPP
13140W	5722N	1574-19220	100	GPGP	13901W	6254N	1582-20061	70	PPPP	14327W	6657N	1588-20391	80	GGGG
13230W	5558N	1574-19223	100	GPGG	13903W	5434N	1578-19455	80	GGGG	14331W	6416N	1586-20284	0	GGGG
13239W	6007N	1576-19324	40	GGGG	13911W	6657N	1585-20220	30	GGGG	14334W	6537N	1587-20335	0	GGGG
13302W	6132N	1577-19380	90	PPPP	13914W	6415N	1583-20113	40	GGGG	14341W	5847N	1583-20131	30	GGGG
13318W	5434N	1574-19225	100	G GG	13915W	6536N	1584-20165	20	GGGG	14401W	5559N	1582-20081	90	PPGP
13339W	5844N	1576-19330	100	GGGG	13920W	5847N	1580-19560	70	GGGG	14405W	6009N	1584-20183	50	GGGG
13403W	5310N	1574-19232	100	G GG	13942W	5558N	1579-19510	50	GGGG	14405W	5313N	1581-20032	50	PPP
13405W	6010N	1577-19382	80	PPPP	13947W	6011N	1581-20012	20	PPPP	14429W	6132N	1585-20234	30	G GG
13434W	5721N	1576-19333	100	GGGG	13949W	5310N	1578-19461	90	GPGG	14436W	5723N	1583-20133	40	GGGG
13445W	6253N	1579-19490	40	GG G	13956W	6935N	1588-20382	0	PGGG	14447W	6254N	1586-20290	0	GGGG
13457W	6538N	1581-19594	10	PPPP	14010W	6132N	1582-20063	70	GGGP	14449W	5435N	1582-20084	90	PPPP
13504W	5846N	1577-19385	100	PPPP	14015W	5724N	1580-19562	40	GGGG	14457W	6416N	1587-20342	30	GGGG
13525W	5558N	1576-19335	100	GGGG	14023W	6816N	1587-20330	0	GGGG	14458W	6537N	1588-20394	80	GGPG
13554W	6131N	1579-19492	30	GGGG	14030W	6254N	1583-20115	60	GGGG	14458W	6414N	1569-20344	100	GGGG
13558W	5723N	1577-19391	100	PPPP	14030W	5434N	1579-19513	40	GGGG	14505W	5846N	1584-20185	80	GGGG
13613W	5434N	1576-19342	100	GGGG	14037W	6657N	1586-20275	0	GGGG	14527W	5559N	1583-20140	60	GGGG
13620W	6417N	1581-20000	20	PPPP	14037W	6415N	1584-20171	10	GGGP	14533W	6009N	1585-20241	50	GGGG
13621W	6656N	1583-20104	0	GPGG	14041W	6536N	1585-20223	70	GGGG	14535W	5310N	1582-20090	80	PPPP
13624W	6536N	1582-20052	40	PGPP	14046W	5848N	1581-20014	50	PPPP	14556W	6132N	1586-20293	0	GGGG
13629W	5844N	1578-19443	80	GGGG	14106W	5600N	1580-19565	40	GGGG	14600W	5723N	1584-20192	90	GGGG
13650W	5559N	1577-19394	80	PPPP	14113W	6009N	1582-20070	90	GGGP	14611W	6254N	1587-20344	60	GGGG
13658W	6008N	1579-19495	20	GGGG	14115W	5310N	1579-19515	30	GGGG	14612W	6252N	1569-20350	90	GGGG
13658W	5310N	1576-19344	100	GGGG	14139W	6132N	1583-20122	10	GGGG	14615W	5435N	1583-20142	100	GGGG
13724W	5721N	1578-19450	70	GGGP	14141W	5725N	1581-20021	100	PPPP	14620W	6416N	1588-20400	80	GGPG
13730W	6816N	1585-20214	30	GGGG	14148W	6816N	1588-20385	40	GGGG	14621W	6414N	1570-20402	70	PGGG
13735W	6256N	1581-20003	60	PPPP	14152W	6253N	1584-20174	10	GGGG	14632W	5846N	1585-20243	90	GGGG
13738W	5435N	1577-19400	90	PPPP	14153W	5436N	1580-19571	40	PGGG	14652W	5559N	1584-20194	90	GGGG
13746W	6657N	1584-20162	40	GGGG	14203W	6657N	1587-20333	0	GGGG	14659W	6010N	1586-20295	10	GPGG
13746W	6415N	1582-20054	10	GGGG	14204W	6416N	1585-20225	80	GGGG	14659W	5311N	1583-20145	70	GGGG
13752W	6536N	1583-20110	0	GGGG	14208W	6537N	1586-20281	0	GGGG	14720W	6132N	1587-20351	90	GGGG

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COORDINATE LISTING
STANDARD CATALOG FOR ALASKA
FROM 03/01/74 TO 03/31/74

PRINCIPAL PT. OF IMAGE LONG	LAT	OBSERVATION ID	CC %	QUALITY RBV MSS 12345678
14721W	6130N	1569-20353	80	GGGG
14727W	5723N	1585-20250	100	GGGG
14735W	6254N	1588-20403	80	GGGG
14736W	6253N	1570-20404	80	PGPG
14740W	5436N	1584-20201	80	GGGG
14758W	5847N	1586-20302	20	GPGG
14818W	5559N	1585-20252	100	GGGG
14824W	6010N	1587-20353	100	GGGG
14824W	6008N	1569-20355	90	GGGG
14826W	5312N	1584-20203	100	GGGG
14845W	6132N	1588-20405	60	GGGG
14845W	6131N	1570-20411	90	PGGG
14853W	5723N	1586-20304	30	GPGG
14906W	5436N	1585-20255	100	GGGG
14915W	6414N	1572-20515	100	GPGG
14923W	5847N	1587-20360	100	GGGG
14923W	5845N	1569-20362	100	GGGG
14944W	5600N	1586-20311	20	GPGP
14949W	6010N	1588-20412	50	GGGG
14949W	6008N	1570-20413	100	PGGP
14951W	5311N	1585-20261	100	GGGG
15018W	5723N	1587-20362	100	GGGG
15018W	5721N	1569-20364	90	GGGG
15030W	6815N	1576-21133	30	GGGG
15030W	6252N	1572-20521	90	GGGG
15033W	5436N	1586-20313	70	GGGP
15047W	5845N	1570-20420	100	PGGG
15049W	5847N	1588-20414	50	GGGG
15109W	5557N	1569-20371	70	GGGG
15110W	5600N	1587-20365	100	GGGG
15117W	5312N	1586-20320	90	GPGG
15139W	6130N	1572-20524	90	GGGG
15142W	5722N	1570-20422	100	PGGG
15144W	5724N	1588-20421	60	GGGG
15153W	6816N	1577-21191	0	PPPP
15157W	5433N	1569-20373	100	GGGG
15158W	5436N	1587-20371	100	GGGG
15209W	6655N	1576-21135	0	GGGG

PRINCIPAL PT. OF IMAGE LONG	LAT	OBSERVATION ID	CC %	QUALITY RBV MSS 12345678
15234W	5558N	1570-20425	100	PGGG
15236W	5600N	1588-20423	90	PGGG
15242W	6008N	1572-20530	50	GGGG
15243W	5309N	1569-20380	100	GGGG
15244W	5312N	1587-20374	90	GGGG
15318W	6817N	1578-21245	0	GGGG
15334W	6656N	1577-21193	0	GPPP
15338W	6535N	1576-21142	0	GGGG
15341W	5845N	1572-20533	50	GGGG
15412W	7206N	1583-21521	0	GGGG
15435W	5721N	1572-20535	70	GGGG
15447W	6815N	1579-21304	0	GGGG
15458W	6658N	1578-21252	0	GGGG
15459W	6414N	1576-21144	0	GGGG
15504W	6536N	1577-21200	0	GPPP
15526W	5558N	1572-20542	100	GGGG
15535W	7206N	1584-21580	70	G GG
15605W	6816N	1580-21362	20	GGGG
15613W	6252N	1576-21151	0	GGGG
15626W	6415N	1577-21202	0	GPPP
15627W	6656N	1579-21310	0	GGGG
15628W	6538N	1578-21254	0	GPGG
15632W	7051N	1583-21524	0	GGGG
15701W	7207N	1585-22034	80	GPGG
15722W	6130N	1576-21153	0	GGGG
15732W	6817N	1581-21420	0	GGGG
15741W	6253N	1577-21205	0	GPPP
15745W	6656N	1580-21364	20	PGGP
15751W	6417N	1578-21261	0	GGGP
15755W	7051N	1584-21582	90	GGGG
15756W	6535N	1579-21313	10	GGGG
15827W	6008N	1576-21160	0	GGGG
15838W	6933N	1583-21530	0	GGGG
15849W	6131N	1577-21211	0	GPPP
15855W	6818N	1582-21474	0	PGPG
15905W	6255N	1578-21263	0	GGGG
15913W	6657N	1581-21423	0	GGGG
15916W	6536N	1580-21371	20	GGGG

PRINCIPAL PT. OF IMAGE LONG	LAT	OBSERVATION ID	CC %	QUALITY RBV MSS 12345678
15918W	6414N	1579-21315	0	GGGG
15923W	7051N	1585-22040	30	GGGP
15926W	5845N	1576-21162	0	GGGG
15953W	6008N	1577-21214	0	GPPP
16000W	6933N	1584-21585	100	GGGG
16014W	6133N	1578-21270	0	GGGG
16021W	5722N	1576-21165	30	GGGG
16029W	6815N	1583-21533	0	GGGG
16034W	6252N	1579-21322	10	GGGG
16036W	6659N	1582-21481	0	PGPP
16040W	6415N	1580-21373	20	GGGG
16043W	6537N	1581-21425	0	GGGG
16052W	5845N	1577-21220	10	PPPP
16112W	5558N	1576-21171	100	GGGG
16118W	6010N	1578-21272	0	GPGG
16128W	6934N	1585-22043	30	GGGG
16143W	6130N	1579-21324	20	GGGG
16147W	5722N	1577-21223	30	PPPP
16151W	6815N	1584-21591	70	GGGG
16156W	6254N	1580-21380	10	GGGG
16200W	5435N	1576-21174	100	GGGG
16205W	6417N	1581-21432	0	GGGG
16208W	6539N	1582-21483	0	GGPP
16209W	6656N	1583-21535	30	GGGG
16216W	7052N	1587-22153	0	GGGG
16217W	5847N	1578-21275	10	GGGG
16239W	5558N	1577-21225	80	PPPP
16247W	6008N	1579-21331	20	GGGG
16305W	6132N	1580-21382	20	GGGG
16312W	5724N	1578-21281	10	PGPG
16320W	6815N	1585-22045	20	GGGG
16321W	6255N	1581-21434	0	GGGG
16327W	5434N	1577-21232	90	PPPP
16331W	6656N	1584-21594	60	GGGG
16331W	6419N	1582-21490	0	PPPP
16340W	6536N	1583-21542	70	GGGG
16346W	5845N	1579-21333	30	GGGG
16404W	5600N	1578-21284	50	GGPG

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COORDINATE LISTING
STANDARD CATALOG FOR ALASKA
FROM 03/01/74 TO 03/31/74

PRINCIPAL PT. OF IMAGE LONG	PRINCIPAL PT. OF IMAGE LAT	OBSERVATION ID	CC %	QUALITY RBV MSS 12345678
16409W	6010N	1580-21385	20	GPGG
16421W	6935N	1587-22160	0	GGGG
16431W	6133N	1581-21441	30	GPGG
16441W	5722N	1579-21340	40	GGGG
16448W	6257N	1582-21492	0	GPGP
16452W	5436N	1578-21290	80	PGGG
16500W	6656N	1585-22052	70	GGGG
16502W	6536N	1584-22000	50	GGGG
16502W	6415N	1583-21544	20	PGGG
16508W	5847N	1580-21391	0	GGGG
16532W	5558N	1579-21342	30	GGGG
16536W	6011N	1581-21443	20	GPGP
16537W	5312N	1578-21293	90	GPPP
16545W	6934N	1588-22214	20	PGGG
16558W	6135N	1582-21495	50	GPPP
16603W	5723N	1580-21394	0	GGGP
16614W	6816N	1587-22162	0	GGGG
16617W	6253N	1583-21551	20	GGGG
16621W	5435N	1579-21345	30	GGGG
16624W	6415N	1584-22003	40	GGGG
16630W	6536N	1585-22054	40	GGGG
16635W	5848N	1581-21450	0	GPGG
16654W	5600N	1580-21400	10	GGGG
16702W	6013N	1582-21501	50	PPPP
16707W	5311N	1579-21351	40	GGGG
16727W	6131N	1583-21553	0	GGGG
16730W	5725N	1581-21452	10	GPGG
16736W	6816N	1588-22220	20	GGGP
16740W	6253N	1584-22005	20	GGGG
16743W	5436N	1580-21403	30	GGGG
16753W	6415N	1585-22061	90	GGGG
16754W	6657N	1587-22165	10	GGGG
16801W	5850N	1582-21504	20	GGPP
16821W	5601N	1581-21455	40	GGGG
16829W	5312N	1580-21405	30	GGGG
16832W	6008N	1583-21560	10	GGG
16849W	6131N	1584-22012	10	GGGG
16857W	5727N	1582-21510	30	PGGG
16908W	6253N	1585-22063	100	GGGG
16908W	5437N	1581-21461	50	GGGG
16917W	6657N	1588-22223	20	GGGP
16925W	6537N	1587-22171	50	GGGG
16931W	5846N	1583-21562	30	GGGG
16950W	5603N	1582-21513	30	PPPP
16953W	6008N	1584-22014	40	GGGG
16954W	5313N	1581-21464	60	GGGG
17017W	6132N	1585-22070	100	GGGG
17026W	5723N	1583-21565	20	GGGG
17037W	5148N	1581-21470	70	GGGG
17039W	5439N	1582-21515	40	PPPP
17048W	6537N	1588-22225	40	GGGG
17048W	6416N	1587-22174	100	GGGG
17052W	5846N	1584-22021	10	GGGG
17118W	5559N	1583-21571	20	GGGG
17121W	6009N	1585-22072	100	GGGG
17124W	5315N	1582-21522	50	PPPG
17148W	5722N	1584-22023	80	GGGG
17203W	6254N	1587-22180	100	GGGG
17206W	5435N	1583-21574	80	GGGG
17207W	5149N	1582-21524	60	PPPP
17210W	6416N	1588-22232	20	GPGG
17210W	6414N	1570-22234	10	PGPP
17220W	5846N	1585-22075	100	GGGG
17240W	5559N	1584-22030	90	GGGG
17252W	5311N	1583-21580	70	GGGG
17312W	6132N	1587-22183	90	GGGG
17315W	5723N	1585-22081	100	GGGG
17325W	6253N	1570-22240	10	PGPP
17326W	6254N	1588-22234	0	PGGG
17330W	5435N	1584-22032	100	GGGG
17334W	5147N	1583-21583	90	GGGG
17407W	5559N	1585-22084	100	GGGG
17415W	6010N	1587-22185	90	GGGP
17416W	5311N	1584-22035	100	GGGG
17434W	6131N	1570-22243	20	PPGG
17435W	6132N	1588-22241	0	GPGG
17455W	5435N	1585-22090	100	GGPG
17459W	5147N	1584-22041	90	GGGG
17513W	5847N	1587-22192	90	GGGG
17537W	6008N	1570-22245	50	PGGG
17538W	6009N	1588-22243	30	PGGG
17541W	5311N	1585-22093	70	GGGG
17607W	5724N	1587-22194	90	GGGG
17624W	5147N	1585-22095	90	GGGG
17636W	5845N	1570-22252	70	GGGG
17637W	5846N	1588-22250	60	GGGG
17659W	5600N	1587-22201	70	PGGG
17732W	5723N	1588-22252	70	GGGG
17732W	5722N	1570-22254	100	GGGG
17747W	5435N	1587-22203	50	PGGG
17823W	5558N	1570-22261	100	GGGG
17824W	5559N	1588-22255	90	GGGG
17833W	5311N	1587-22210	50	PPGG
17912W	5436N	1588-22261	60	GGGG
17912W	5434N	1570-22263	100	GGGG
17917W	5147N	1587-22212	50	PGGG
17957W	5309N	1570-22270	90	GGGG
17958W	5311N	1588-22264	80	GGGG

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